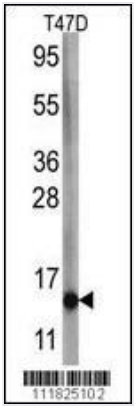
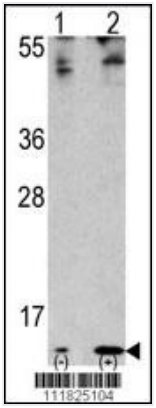
FAU Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

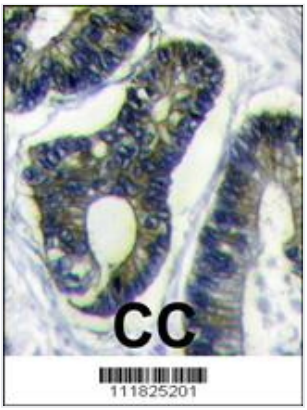
Product Name	FAU, Polyclonal Antibody
Full Product Name	FAU, CT (Ubiquitin-like Protein FUBI) (Biotin)
Product Gene Name	anti-FAU antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human FAU.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	14kDa
OMIM	134690
3D Structure	ModBase 3D Structure for P62861
Immunogen	Synthetic peptide selected from the C-terminal region of human FUBI (KLH).
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-FAU antibody	Antibodies; Ubiquitin
Applications Tested/Suitable for anti-FAU antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-FAU antibody	IHC: 1:50-1:100 ELISA: 1:1,000 WB: 1:50-1:100 Applications are based on unconjugated antibody.
Related Product Information for anti-FAU antibody	MBS6475699 is an antibody targeting FAU. Also known as FAU, CT (Ubiquitin-like Protein FUBI) (Biotin). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-FAU antibody	1. Rossman, T.G., et al., Oncogene 22(12):1817-1821 (2003). 2. Kenmochi, N., et al., Genome Res. 8(5):509-523 (1998). 3. Vladimirov, S.N., et al., Eur. J. Biochem. 239(1):144-149 (1996). 4. Kas, K., et al., Genomics 17(2):387-392 (1993). 5. Michiels, L., et al., Oncogene 8(9):2537-2546 (1993).
Other Notes	Small volumes of anti-FAU antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-FAU antibody
Western blot analysis of anti-FUBI C-term Pab in Hela and T47D cell line lysates. FUBI(arrow) was detected using the purified Pab.



Western Blot (WB) of anti-FAU antibody
Western blot analysis of anti-hFUBI C-term Pab in 293 cell line lysates transiently transfected with the FAU gene (2ug/lane). FUBI(arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-FAU antibody
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with FUBI Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FAU. It may not necessarily be applicable to this product.

NCBI GI #	4503659
NCBI GeneID	2197
NCBI Accession #	NP_001988
UniProt Primary Accession #	P62861
UniProt Related Accession #	P35544; P62861
GenBank Nucleotide #	NM_001997
NCBI Official Full Name	ubiquitin-like protein fubi and ribosomal protein S30
NCBI Official Synonym Full Names	FAU ubiquitin like and ribosomal protein S30 fusion
NCBI Official Symbol	FAU
NCBI Official Synonym Symbols	S30; FAU1; Fub1; Fubi; asr1; RPS30; MNSFbeta
UniProt Protein Name	40S ribosomal protein S30
Protein Family	40S ribosomal protein
UniProt Gene Name	FAU

UniProt Entry Name	RS30_HUMAN
NCBI Protein Information	ubiquitin-like protein fubi and ribosomal protein S30
NCBI Summary for FAU	This gene is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome and displays antimicrobial activity. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin. [provided by RefSeq, Nov 2014]
UniProt Comments for FAU	RPS30: This gene is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin. [provided by RefSeq, Jul 2008] Protein type: Apoptosis; Translation; Ribosomal Chromosomal Location of Human Ortholog: 11q13 Cellular Component: cytosol; extracellular space; small ribosomal subunit Molecular Function: RNA binding; structural constituent of ribosome Biological Process: antibacterial humoral response; cellular protein metabolic process; defense response to Gram-positive bacterium; gene expression; innate immune response in mucosa; mRNA catabolic process, nonsense-mediated decay; selenium metabolic process; selenocysteine metabolic process; SRP-dependent cotranslational protein targeting to membrane; translation; translational elongation; translational initiation; translational termination; viral infectious cycle; viral reproduction; viral transcription
Research Articles on FAU	**1.** FAU knockdown increased the plasma membrane targeting and function of F508del-CFTR, but not of wild-type CFTR. Investigation into the mechanism of action revealed a preferential physical interaction of FAU with mutant CFTR, leading to its degradation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.