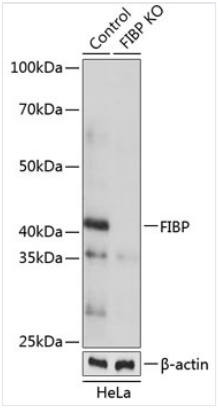
FIBP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FIBP, Polyclonal Antibody
Full Product Name	[KO Validated] FIBP Rabbit pAb
Product Gene Name	anti-FIBP antibody
Product Synonym Names	FIBP; FGFIBP; FIBP-1; TROFAS
Immunogen Sequence	MASEELQKDL EEVKVLLEKA TRKRVRDALT AEKSKIETEI KNKMQQKSQK KAELLDNEKP AAVVAPITTG YTVKISNYGW DQSDKFVKIY ITLTGVHQVP TENVQVHFTE RSFDLLVKNL NGKSYSMIVN NLLKPISVEG SSKKVKTDTV LILCRKKVEN TRWDYLTQVE KECKEKEKPS YDTETDPSEG LMNVLKKIYE DGDDDMKRTI NKAWVESREK QAKGDTEF
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	26,210 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (174968571..174981163). Location: 1q24-q25
OMIM	606186
3D Structure	ModBase 3D Structure for Q9HB71
Positive Samples	HeLa
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-364 of human FIBP (NP_004205.2).
Cellular Location	Endomembrane system, Nucleus, Peripheral membrane protein
Product Categories/Family for anti-FIBP antibody	Signal Transduction; Cell Biology & Developmental Biology; Growth factor; Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FIBP antibody	Western Blot (WB)
Application Notes for anti-FIBP antibody	WB: 1:500-1:2000
Related Product Information for anti-FIBP antibody	Acidic fibroblast growth factor is mitogenic for a variety of different cell types and acts by stimulating mitogenesis or inducing morphological changes and differentiation. The FIBP protein is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF. Two transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-FIBP 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.

Searchable Terms for FIBP purchase	MBS9144696 is an antibody targeting FIBP. Also known as [KO Validated] FIBP Rabbit pAb. Reactive in Human, Rat. Host: Rabbit.



Western Blot (WB) of anti-FIBP antibody
Western blot analysis of extracts from normal (control) and FIBP knockout (KO) HeLa cells, using FIBP antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 5s.

ADDITIONAL DETAILS

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

NCBI GI #	60218913
NCBI GeneID	27101
NCBI Accession #	NP_001007215.1
UniProt Primary Accession #	Q9HB71
UniProt Secondary Accession #	O60666; Q5R370; Q5R371; B2ZWH2; B3KSF1
UniProt Related Accession #	Q9HB71
GenBank Nucleotide #	NM_001007214.1
NCBI Official Full Name	calcyclin-binding protein isoform 2
NCBI Official Synonym Full Names	calcyclin binding protein
NCBI Official Symbol	CACYBP
NCBI Official Synonym Symbols	SIP; GIG5; PNAS-107; S100A6BP; RP1-102G20.6
UniProt Protein Name	Calcyclin-binding protein
UniProt Synonym Protein Names	S100A6-binding protein; Siah-interacting protein
Protein Family	Acidic fibroblast growth factor intracellular-binding protein
UniProt Gene Name	CACYBP
UniProt Synonym Gene Names	S100A6BP; SIP; CacyBP; hCacyBP
UniProt Entry Name	CYBP_HUMAN
NCBI Protein Information	calcyclin-binding protein; hCacyBP; S100A6-binding protein; Siah-interacting protein (SIP); growth-inhibiting gene 5 protein
NCBI Summary for FIBP	The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

UniProt Comments for FIBP	CACYBP: a nuclear/cytoplasmic protein involved in calcium-dependent ubiquitination and proteosomal degradation of target proteins. A possible molecular bridge in ubiquitin E3 complexes. Participates in the ubiquitin-mediated degradation of beta-catenin (CTNNB1). Interacts with proteins of the S100 family at physiological calcium concentrations. Component of some large E3 complexes and interacts directly with SIAH1, SIAH2 and SKP1A. Cytoplasmic at low calcium concentrations. In neuroblastoma cells, after a retinoic acid (RA) induction and calcium increase, it localizes in both the nucleus and cytoplasm. The nuclear fraction may be phosphorylated. Two alternatively spliced isoforms have been described. Protein type: Ubiquitin conjugating system; Adaptor/scaffold Chromosomal Location of Human Ortholog: 1q24-q25 Cellular Component: nucleoplasm; neuron projection; nuclear envelope lumen; cytoplasm; beta-catenin destruction complex Molecular Function: protein binding; protein homodimerization activity Biological Process: positive regulation of DNA replication; cardiac muscle cell differentiation; aging
Research Articles on FIBP	**1.** These findings reveal a novel function for SNRK in the regulation of colon cancer cell proliferation and beta-catenin signaling.
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.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-rat-antibody/fibp/9144696