SENP5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SENP5, Polyclonal Antibody
Full Product Name	SENP5, NT (Sentrin-specific Protease 5, Sentrin/SUMO-specific Protease SENP5, FKSG45) (APC)
Product Gene Name	anti-SENP5 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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human SENP5.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Do not freeze APC conjugates. Light sensitive. Aliquots are stable for at least 6 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	81,310 Da
OMIM	612845
3D Structure	ModBase 3D Structure for Q96HI0
Immunogen	Synthetic peptide selected from the N-terminal region of human SENP5 (KLH).
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SENP5 antibody	Antibodies; Ubiquitin
Applications Tested/Suitable for anti-SENP5 antibody	Immunohistochemistry (IHC), FLISA
Application Notes for anti-SENP5 antibody	IHC: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SENP5 antibody	MBS6498814 is an antibody targeting SENP5. Also known as SENP5, NT (Sentrin-specific Protease 5, Sentrin/SUMO-specific Protease SENP5, FKSG45) (APC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-SENP5 antibody	1. Strausberg, R.L., et al., Proc. Natl. Acad. Sci. USA 99(26):16899-16903 (2002).
Other Notes	Small volumes of anti-SENP5 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SENP5. It may not necessarily be applicable to this product.

NCBI GI #	159032029
NCBI GeneID	205564
NCBI Accession #	NP_689912
UniProt Primary Accession #	Q96HI0
UniProt Secondary Accession #	Q96SA5; B4DY82
UniProt Related Accession #	Q96HI0
GenBank Nucleotide #	NM_152699
NCBI Official Full Name	sentrin-specific protease 5
NCBI Official Synonym Full Names	SUMO1/sentrin specific peptidase 5
NCBI Official Symbol	SENP5
UniProt Protein Name	Sentrin-specific protease 5
UniProt Synonym Protein Names	Sentrin/SUMO-specific protease SENP5
Protein Family	Sentrin-specific protease
UniProt Gene Name	SENP5
UniProt Entry Name	SENP5_HUMAN
NCBI Protein Information	sentrin-specific protease 5; SUMO1/sentrin specific protease 5; sentrin/SUMO-specific protease SENP5
UniProt Comments for SENP5	SENP5: Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division. Belongs to the peptidase C48 family. Protein type: Nucleolus; EC 3.4.22.68; Protease Chromosomal Location of Human Ortholog: 3q29 Cellular Component: nucleoplasm; intracellular membrane-bound organelle; nucleolus; nucleus Molecular Function: protein binding; cysteine-type peptidase activity Biological Process: cellular protein metabolic process; protein sumoylation; cell division; proteolysis; post-translational protein modification; cell cycle
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-antibody/senp5/6498814