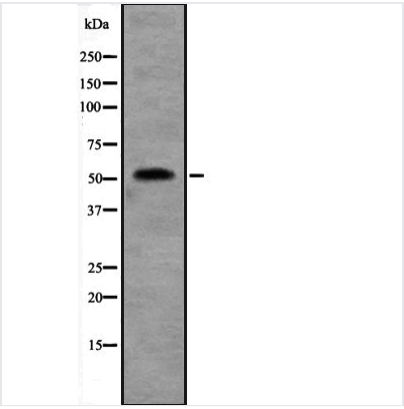
SEPT10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SEPT10, Polyclonal Antibody
Full Product Name	SEPT10 Antibody
Product Gene Name	anti-SEPT10 antibody
Product Synonym Names	FLJ11619; SEP10_HUMAN; SEPT 10; SEPT10; Septin 10; Septin-10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	SEPT10 antibody detects endogenous levels of total SEPT10
Antibody/Peptide Pairs	SEPT10 peptide (MBS9622489) is used for blocking the activity of SEPT10 antibody (MBS9603771)
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
3D Structure	ModBase 3D Structure for Q9P0V9
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cytoplasm > Cytoskeleton. Using a GFP-fusion protein, detected in the nucleus.
Tissue Specificity	Widely expressed. Abundantly expressed in heart and kidney, placenta, skeletal muscles, liver and lung, as well as various tumor cell lines.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (89%), Xenopus (88%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SEPT10 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SEPT10 antibody	WB: 1:500-1:2000

Related Product Information for anti-SEPT10 antibody	Description: Filament-forming cytoskeletal GTPase. Function: Filament-forming cytoskeletal GTPase. May play a role in cytokinesis (Potential). Subunit Structure: Septins polymerize into heterooligomeric protein complexes that form filaments, and can associate with cellular membranes, actin filaments and microtubules. GTPase activity is required for filament formation (By similarity). Similarity: Belongs to the TRAFAC class TrmE-Era-EngA-EngB-Septin-like GTPase superfamily. Septin GTPase family.
Other Notes	Small volumes of anti-SEPT10 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 SEPT10 purchase	MBS9603771 is an antibody targeting SEPT10. Also known as SEPT10 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-SEPT10 antibody
Western blot analysis of SEPT10 expression in Jurkat cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEPT10. It may not necessarily be applicable to this product.

NCBI GI #	1009287637
NCBI GeneID	151011
NCBI Accession #	NP_001308425.1
UniProt Primary Accession #	Q9P0V9
UniProt Secondary Accession #	Q86VP5; Q9HAH6; B3KRQ9
UniProt Related Accession #	Q9P0V9
GenBank Nucleotide #	NM_001321496.1
NCBI Official Full Name	septin-10 isoform 3
NCBI Official Synonym Full Names	septin 10
NCBI Official Symbol	SEPT10
UniProt Protein Name	Septin-10
UniProt Gene Name	SEPT10
NCBI Protein Information	septin-10
NCBI Summary for SEPT10	This gene encodes a member of the septin family of cytoskeletal proteins with GTPase activity. This protein localizes to the cytoplasm and nucleus and displays GTP-binding and GTPase activity. A pseudogene for this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012]

UniProt Comments for SEPT10	Filament-forming cytoskeletal GTPase. May play a role in cytokinesis (Potential).
Research Articles on SEPT10	**1.** we found that paclitaxel-resistant tumors had decreased expression of SEPT10.
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.
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