

**Anti-Septin 8 Rabbit Monoclonal Antibody**  
**Catalog # ABO16478****Specification**

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**Anti-Septin 8 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	<a href="#">Q92599</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Septin 8 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Septin 8 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 23176

**Other Names**

Septin-8, SEPTIN8 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=16511](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=16511))  
HGNC:16511

**Calculated MW**

50 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Septin 8

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Septin 8 Rabbit Monoclonal Antibody - Protein Information**

**Name** SEPTIN8 ([HGNC:16511](#))

**Function**

Filament-forming cytoskeletal GTPase (By similarity). May play a role in platelet secretion (PubMed:<a href="http://www.uniprot.org/citations/15116257" target="\_blank">15116257</a>). Seems to participate in the process of SNARE complex formation in synaptic vesicles (By similarity).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:B0BNF1}. Cytoplasm, cytoskeleton. Synapse {ECO:0000250|UniProtKB:B0BNF1}. Cell projection, axon {ECO:0000250|UniProtKB:B0BNF1}. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:B0BNF1}. Presynapse {ECO:0000250|UniProtKB:B0BNF1}. Note=Expressed in axons of immature neurons, localizes to synapses in mature neurons (By similarity). In platelets, found in areas surrounding alpha-granules (PubMed:15116257) {ECO:0000250|UniProtKB:B0BNF1, ECO:0000269|PubMed:15116257}

**Tissue Location**

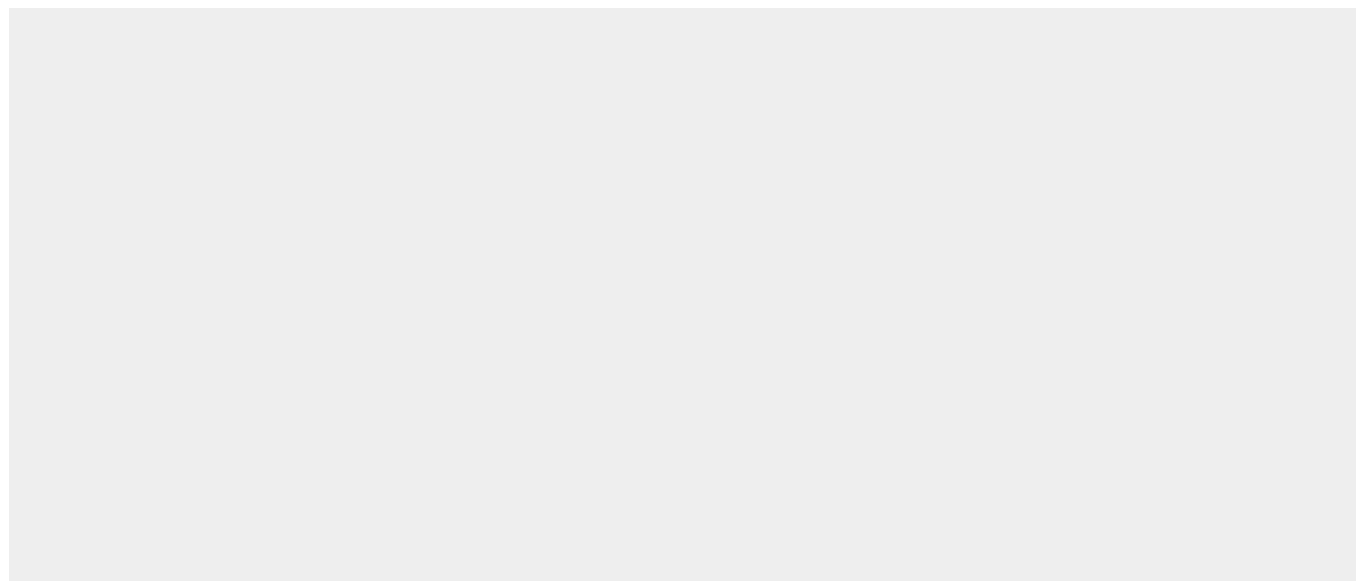
Widely expressed, including in brain, heart and platelets; most abundant in aorta. Isoform 2 is expressed at low levels in specific brain areas, such as occipital pole, frontal lobe, temporal lobe and putamen. Isoform 1 and 3 are highly expressed in specific brain areas, such as occipital pole, frontal lobe, temporal lobe and putamen. Isoform 2 is highly expressed in prostate, testis and ovary Isoform 1 and isoform 3 are expressed at low levels in prostate, testis and ovary.

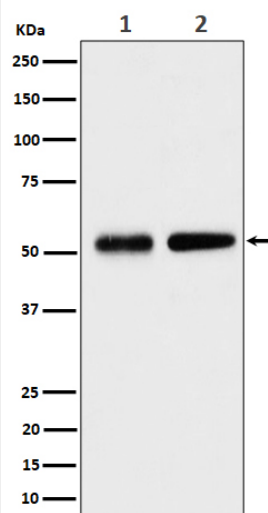
**Anti-Septin 8 Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Septin 8 Rabbit Monoclonal Antibody - Images**





Western blot analysis of Septin 8 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.