

Anti-SEPT8 / Septin 8 Antibody (clone 1G3-7D1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17709**Specification**

Anti-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q92599
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	55756

Anti-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) - Additional Information**Gene ID** 23176**Alias Symbol** SEPT8**Other Names**

SEPT8, KIAA0202, SEP2, Septin-8, Septin 8

Target/Specificity

Human SEPT8

Reconstitution & Storage

Protein A purified

Precautions

Anti-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) - Protein Information**Name** SEPTIN8 ([HGNC:16511](#))**Function**

Filament-forming cytoskeletal GTPase (By similarity). May play a role in platelet secretion (PubMed:15116257). 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-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) - 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-SEPT8 / Septin 8 Antibody (clone 1G3-7D1) - Images