

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

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17709

Product Information

Application	WB, IHC-P, E
Primary Accession	Q92599
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	1G3-7D1
Calculated MW	55756
Concentration (mg/ml)	0.22 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.