

Rabbit SEPT5 Polyclonal Antibody | anti-SEPT5 antibody

SEPT5 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288951	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Immunohistochemistry, ELISA

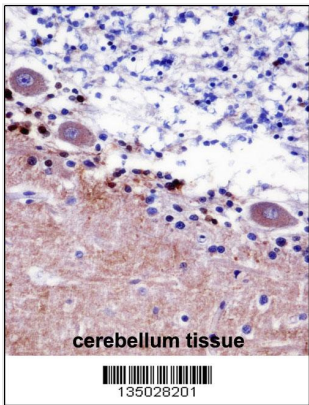
PRODUCT SYNONYMS

SEPT5; Polyclonal Antibody; SEPT5 Antibody (N-term); Septin-5; Cell division control-related protein 1; CDCrel-1; Peanut-like protein 1; PNUTL1; anti-SEPT5 antibody

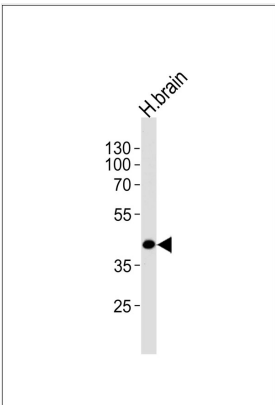
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEPT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SEPT5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	346
Applicable Applications for anti-SEPT5 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SEPT5 Antibody (N-term) (AAA288951)immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SEPT5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from human brain tissue lysate, using SEPT5 Antibody (N-term). AAA288951 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT5 antibody	This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB; platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced. [provided by RefSeq].
Product Categories/Family for anti-SEPT5 antibody	Cell Biology; Signal transduction
References	Jung, A.E., et al. Mol. Ther. 16(6):1048-1055(2008) Amin, N.D., et al. J. Neurosci. 28(14):3631-3643(2008) Xin, X., et al. J. Histochem. Cytochem. 55(11):1089-1094(2007) Blaser, S., et al. J. Pathol. 210(1):103-110(2006) Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331274
NCBI GeneID	5413
NCBI Accession #	NP_001009939.1; NP_002679.2
NCBI GenBank Nucleotide #	NM_001009939.2
UniProt Accession #	Q99719; O15251; Q96MY5
Molecular Weight	42777
NCBI Official Full Name	septin-5 isoform 2

NCBI Official Synonym Full Names	septin 5
NCBI Official Symbol	SEPT5
NCBI Official Synonym Symbols	H5; CDCREL; PNUTL1; CDCREL1; CDCREL-1; HCDCREL-1
NCBI Protein Information	septin-5
UniProt Protein Name	Septin-5
UniProt Gene Name	SEPT5
UniProt Synonym Gene Names	PNUTL1; CDCrel-1
UniProt Entry Name	SEPT5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sept5-antibody-western-blot-immunohistochemistry-elisa/288951>