Rabbit anti-Human SEPT2 Polyclonal Antibody | anti-SEPT2 antibody

SEPT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229157	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

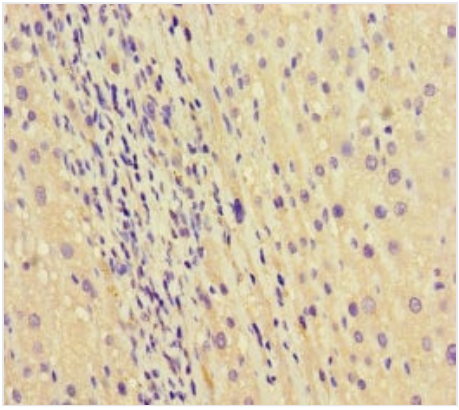
PRODUCT SYNONYMS

SEPT2; Polyclonal Antibody; SEPT2 Antibody; Septin-2; Neural precursor cell expressed developmentally down-regulated protein 5; NEDD-5; DIFF6; KIAA0158; NEDD5; anti-SEPT2 antibody

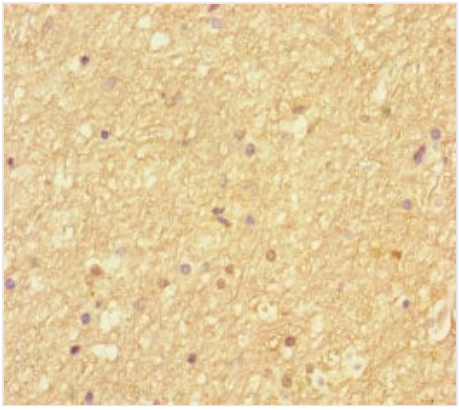
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	361
Applicable Applications for anti-SEPT2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Septin-2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20408
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA229157 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA229157 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT2 antibody	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Plays a role in the biogenesis of polarized columnar-shaped epithelium by maintaining polyglutamylated microtubules, thus facilitating efficient vesicle transport, and by impeding MAP4 binding to tubulin. Required for the progression through mitosis. Forms a scaffold at the midplane of the mitotic splindle required to maintain CENPE localization at kinetochores and consequently chromosome congression. During anaphase, may be required for chromosome segregation and spindle elongation. Plays a role in ciliogenesis and collective cell movements. In cilia, required for the integrity of the diffusion barrier at the base of the primary cilium that prevents diffusion of transmembrane proteins between the cilia and plasma membranes: probably acts by regulating the assembly of the tectonic-like complex (also named B9 complex) by localizing TMEM231 protein. May play a role in the internalization of 2 intracellular microbial pathogens, Listeria monocytogenes and Shigella flexneri.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549636
NCBI GeneID	4735
NCBI Accession #	NP_001008491.1
NCBI GenBank Nucleotide #	NM_001008491.2
UniProt Accession #	Q15019; Q14132; Q53QU3; Q8IUK9; Q96CB0; B4DGE8
Molecular Weight	42,685 Da
NCBI Official Full Name	septin-2 isoform a
NCBI Official Synonym Full Names	septin 2
NCBI Official Symbol	SEPT2
NCBI Official Synonym Symbols	DIFF6; NEDD5; NEDD-5; Pnutl3; hNedd5
NCBI Protein Information	septin-2
UniProt Protein Name	Septin-2
UniProt Gene Name	**SEPT2**
UniProt Synonym Gene Names	DIFF6; KIAA0158; NEDD5; NEDD-5
UniProt Entry Name	SEPT2_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/sept2-antibody-immunohistochemistry-elisa/229157