

Rabbit SEPT2 Polyclonal Antibody | anti-SEPT2 antibody

SEPT2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289867	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	ELISA, Western Blot

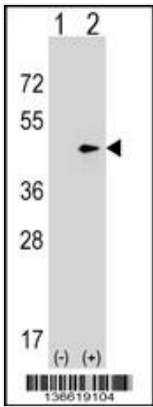
PRODUCT SYNONYMS

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

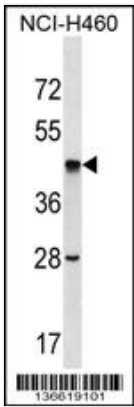
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEPT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-309 amino acids from the C-terminal region of human SEPT2.
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	280-309
Sequence Length	371
Applicable Applications for anti-SEPT2 antibody	ELISA, WB (Western Blot)
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



WB (Western Blot)
Western blot analysis of SEPT2 (arrow) using rabbit polyclonal SEPT2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SEPT2 gene.



WB (Western Blot)
SEPT2 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the SEPT2 antibody detected the SEPT2 protein (arrow).

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 spindle required to maintain CENPE localization at kinetochores and consequently chromosome congression. During anaphase, may be required for chromosome segregation and spindle elongation. May play a role in the internalization of 2 intracellular microbial pathogens, <i>Listeria monocytogenes</i> and <i>Shigella flexneri</i> .
Product Categories/Family for anti-SEPT2 antibody	Cell Biology
References	Martins-de-Souza, D., et al. J Psychiatr Res (2010) In press : Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009) Shen, M., et al. Environ. Mol. Mutagen. 50(4):285-290(2009) Mostowy, S., et al. J. Biol. Chem. 284(17):11613-11621(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549636
NCBI GeneID	4735
NCBI Accession #	NP_001008491.1; NP_001008492.1; NP_004395.1; NP_006146.1
NCBI GenBank Nucleotide #	NM_001008491.2
UniProt Accession #	Q15019; Q14132; Q53QU3; Q8IUK9; Q96CB0; B4DGE8
Molecular Weight	41487
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sept2-antibody-western-blot-elisa/289867>