

Rabbit SEPT4 Polyclonal Antibody | anti-SEPT4 antibody

SEPT4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287560	Rabbit	Human (Predicted Reactivity: Monkey)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SEPT4; Polyclonal Antibody; SEPT4 Antibody (N-term); Septin-4; Apoptosis-related protein in the TGF-beta signaling pathway; ARTS; Bradeion beta; Brain protein H5; CE5B3 beta; Cell division control-related protein 2; hCDCREL-2; Cerebral protein 7; Peanut-like protein 2; PNUTL2; SEP4; anti-SEPT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEPT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SEPT4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	274
Applicable Applications for anti-SEPT4 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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



FCM/FACS (Flow Cytometry)

PNUTL2 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with PNUTL2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of lysates from SK-N-MC, U-251 MG cell line (from left to right), using PNUTL2 Antibody (N-term). AAA287560 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. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT4 antibody	PNUTL2 is a member of the septin 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. The protein is thought to be part of a complex involved in cytokinesis.
Product Categories/Family for anti-SEPT4 antibody	Crown Antibodies; Cell Biology; Metabolism; Signal Transduction
References	Garcia,W., Rodrigues,N.C. Biochim. Biophys. Acta 1784 (11), 1720-1727 (2008) Garcia,W., de Araujo,A.P. Biochemistry 46 (39), 11101-11109 (2007) Paavola,P., Horelli-Kuitunen,N. Genomics 55 (1), 122-125 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311203834
NCBI GeneID	5414
NCBI Accession #	NP_001185642.1; NP_001243711.1; NP_001243751.1; NP_004565.1; NP_536340.1; NP_536341.1
NCBI GenBank Nucleotide #	NM_001198713.1
UniProt Accession #	O43236; Q6IAP3; Q9H315; Q9UM58; B2RD42; B3KSX9; B4DXC6; B4DXV5
Molecular Weight	55098
NCBI Official Full Name	septin-4 isoform 4
NCBI Official Synonym Full Names	septin 4
NCBI Official Symbol	SEPT4
NCBI Official Synonym Symbols	H5; ARTS; MART; SEP4; CE5B3; PNUTL2; hucep-7; BRADEION; hCDCREL-2
NCBI Protein Information	septin-4
UniProt Protein Name	Septin-4
UniProt Gene Name	SEPT4
UniProt Synonym Gene Names	ARTS; PNUTL2; SEP4; ARTS; hCDCREL-2
UniProt Entry Name	SEPT4_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/sept4-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/287560>