

Rabbit anti-Human, Mouse SEPT4 Polyclonal Antibody | anti-SEPT4 antibody

SEPT4 Polyclonal Antibody

CATALOG # AAA280754	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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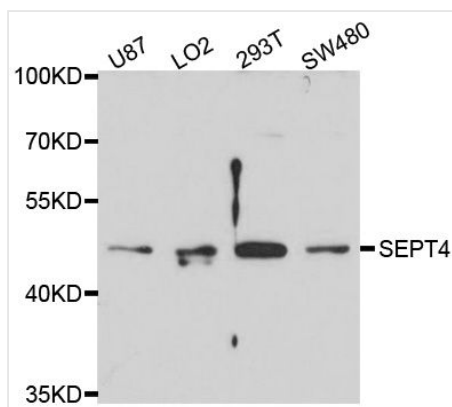
PRODUCT SYNONYMS

SEPT4; Polyclonal Antibody; SEPT4 Polyclonal Antibody; ARTS; BRADEION; CE5B3; H5; MART; PNUTL2; SEP4; hCDCREL-2; hucep-7; septin-4; anti-SEPT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	478
Applicable Applications for anti-SEPT4 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human SEPT4(NP_536341.1).
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Observed MW	50kDa
Calculated MW	30kDa/38kDa/53kDa/54kDa/55kDa/56kDa
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SEPT4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT4 antibody	This gene 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. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct; it is localized to the mitochondria, and has a role in apoptosis and cancer.
Product Categories/Family for anti-SEPT4 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	3287733
NCBI GeneID	5414
UniProt Accession #	O43236; Q6IAP3; Q9H315; Q9UM58; B2RD42; B3KSX9; B4DXC6; B4DXV5
NCBI Official Full Name	Septin-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

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.