

Rabbit anti-Human SEPT9 Polyclonal Antibody | anti-SEPT9 antibody

SEPT9 Antibody (C-term)

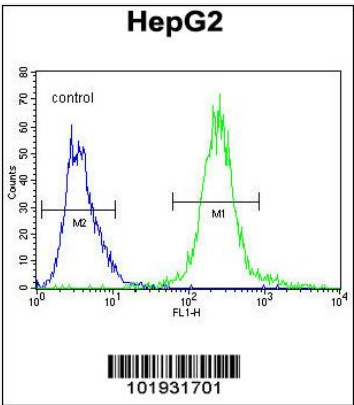
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28793	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

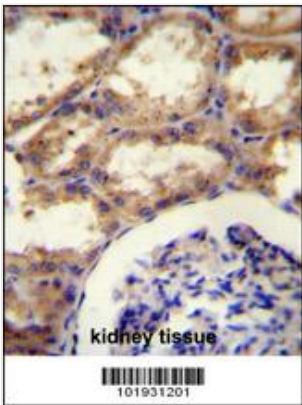
SEPT9; Polyclonal Antibody; SEPT9 Antibody (C-term); Septin-9; MLL septin-like fusion protein MSF-A; MLL septin-like fusion protein; Ovarian/Breast septin; Ov/Br septin; Septin D1; KIAA0991; MSF; anti-SEPT9 antibody

PRODUCT SPECIFICATIONS

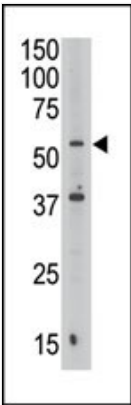
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEPT9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-85 amino acids from the C-terminal region of human SEPT9.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	557-586
Sequence Length	362
Applicable Applications for anti-SEPT9 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
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.



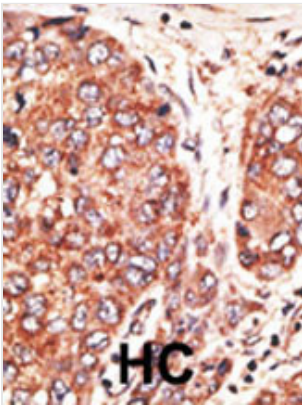
FCM (Flow Cytometry)
SEPT9 Antibody (A555) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



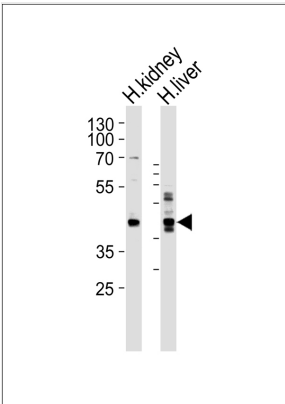
IHC (Immunohistochemistry)
SEPT9 Antibody (A555) immunohistochemistry analysis in formalin fixed and paraffin embedded kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SEPT9 Antibody (A555) for immunohistochemistry. Clinical relevance has not been evaluated.



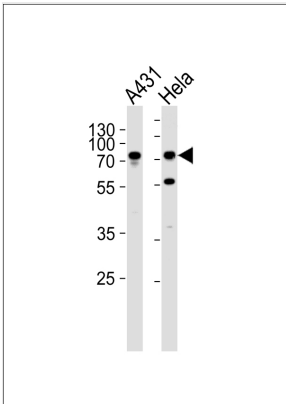
WB (Western Blot)
The anti-SEPT9 Pab is used in Western blot to detect SEPT9 in Jurkat cell lysate.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of lysates from human kidney and liver tissue lysate (from left to right), using SEPT9 Antibody (C-term). AAA28793 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.



WB (Western Blot)
Western blot analysis of lysates from A431, HeLa cell line (from left to right), using SEPT9 Antibody (C-term). AAA28793 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-SEPT9 antibody	The maf oncogene was identified by structural analysis of the AS42 avian transforming retrovirus genome. The Maf family is divided into two subclasses, large Mafs (vMaf, cMaf, MafB and Nrl) and small Mafs (MafF, MafK, and MafG). Both subclasses contain leucine zipper motifs, which allow homodimerization as well as heterodimerization with a variety of other bZip transcription factors. Large Mafs also contain an acidic transactivation domain absent in the small Maf proteins. Although they do not possess inherent transactivation activity, small Maf proteins can act as positive regulators of transcription by targeting transcriptionally active dimerization partners to specific DNA regulatory elements. Conversely, small Mafs can act also as negative regulators of transcription by recruiting transcriptional repressors or by forming homodimers that can replace active dimers. Human MafF was isolated in a yeast one-hybrid system from a human myometrium cDNA library. Human MAFF encodes a 164 amino acids protein. Like other small MAFF proteins, it contains an extended leucine zipper structure and lacks an N-terminal transactivating domain. The three small Maf proteins have been implicated in a number of physiological processes, including development, differentiation, haematopoiesis and stress response. Interestingly, these three proteins regulate the stress response via different mechanisms.
Product Categories/Family for anti-SEPT9 antibody	Crown Antibodies ; Cell Biology
References	Proc. Natl. Acad. Sci. U.S.A. 96:6428-6433(1999). Cancer Res. 60: 4729-4734, 2000. Oncogene 20: 5930-5939, 2001.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164698494
NCBI GeneID	10801
NCBI Accession #	NP_001106963.1; NP_001106964.1; NP_001106965.1; NP_001106966.1; NP_001106967.1; NP_001106968.1; NP_006631.2
NCBI GenBank Nucleotide #	NM_001113491.1
UniProt Accession #	Q9UHD8; Q96QF3; Q96QF4; Q96QF5; Q9HA04; Q9UG40; A8K2V3; B3KPM0; B4DTL9; B4E0N2; B4E274; B7Z654
Molecular Weight	65401
NCBI Official Full Name	septin-9 isoform a
NCBI Official Synonym Full Names	septin 9
NCBI Official Symbol	SEPT9
NCBI Official Synonym Symbols	MSF; MSF1; NAPB; SINT1; PNUTL4; SeptD1; AF17q25
NCBI Protein Information	septin-9
UniProt Protein Name	Septin-9
UniProt Gene Name	SEPT9
UniProt Synonym Gene Names	KIAA0991; MSF; MLL septin-like fusion protein; Ov/Br septin
UniProt Entry Name	SEPT9_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/sept9-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/28793>