

Datasheet for ABIN2773992

anti-Septin 9 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Septin 9 (SEPT9)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Guinea Pig, Rabbit, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SEPT9
Sequence:	VNEKFREMIP FAVVGSDHEY QVNGKRILGR KTKWGTIEVE NTTHCEFAYL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against SEPT9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Septin 9 (SEPT9)
---------	------------------

Target Details

Alternative Name:	SEPT9 (SEPT9 Products)
Background:	<p>This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.</p> <p>Alias Symbols: AF17q25, KIAA0991, MSF, MSF1, NAPB, PNUTL4, SINT1, SeptD1</p> <p>Protein Interaction Partner: SEPT6, HAUS1, SUMO2, UBC, EED, HNRNPD, FN1, CFTR, VAMP2, SVIL, SCP2, NDUFV2, NCL, MSH2, HSPD1, FLNB, COPA, SEPT7, APP, UQCRFS1P1, UQCRFS1, TPM3, SUCLG2, VMA21, SEPT11, TMED9, HN1, TOR1AIP1, FERMT2, TIMM44, HRSP12, SCO2, SEC22B, VAPB, SUCLG1, UBXN6, UBD, S</p> <p>Protein Size: 422</p>
Molecular Weight:	46 kDa
Gene ID:	10801
NCBI Accession:	NM_001113492 , NP_001106964
UniProt:	Q9UHD8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 422 AA
Restrictions:	For Research Use only

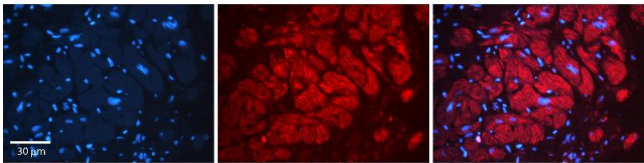
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

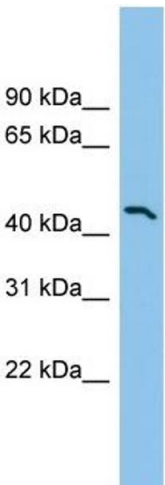
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-SEPT-9 Antibody Catalog Number: ARP51756_P050 Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 2. WB Suggested Anti-SEPT9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HCT15 cell lysate