

Rabbit Prom1 Polyclonal Antibody | anti-PROM1 antibody

Prom1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201065	Rabbit	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish	Western Blot

PRODUCT SYNONYMS

Prom1; Polyclonal Antibody; Prom1 antibody - N-terminal region; anti-PROM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: II LMPLVGCFEC MCRCCNKCGG EMHQRQKQNA PCRRKCLGLS LLVICLLM
Sequence Length	867
Applicable Applications for anti-PROM1 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 86%; Guinea Pig: 93%; Horse: 92%; Human: 100%; Mouse: 85%; Rat: 91%; Zebrafish: 92%
Protein Size (# AA)	867 amino acids
Protein Interactions	Actb;
Blocking Peptide	For anti-Prom1 antibody is Catalog #
Preparation and Storage	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


WB (Western Blot)

WB Suggested Anti-Prom1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Liver


WB (Western Blot)

Host: Rabbit Target Name: Prom1 Sample Type: Mouse Liver Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 1ug/ml Peptide Concentration: 5ug/ml Lysate Quantity: 25ug/lane Lane Gel Concentration: 0.12

ADDITIONAL INFORMATION

Related Product Information for anti-PROM1 antibody	This is a rabbit polyclonal antibody against Prom1. It was validated on Western Blot Target Description: Prom1 binds cholesterol in cholesterol-containing plasma membrane microdomains. It is proposed to play a role in apical plasma membrane organization of epithelial cells. During early during retinal development, Prom1 acts as a key regulator of disk morphogenesis. Prom1 is involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner.
Product Categories/Family for anti-PROM1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Biology; Developmental Biology; Stem Cells; Epigenetics; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	254675298
NCBI GeneID	19126
NCBI Accession #	NP_001157049
NCBI GenBank Nucleotide #	NM_001163577
UniProt Accession #	O54990
Molecular Weight	95kDa
NCBI Official Full Name	prominin-1 isoform s2
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	Prom1
NCBI Official Synonym Symbols	Prom; AC133; CD133; Prom-1; Proml1; 4932416E19Rik
NCBI Protein Information	prominin-1
UniProt Protein Name	Prominin-1
UniProt Gene Name	Prom1
UniProt Synonym Gene Names	Prom; Proml1
UniProt Entry Name	PROM1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prom1-antibody-western-blot-elisa/201065>