

Rabbit PROM1 Polyclonal Antibody | anti-PROM1 antibody

PROM1 Polyclonal Antibody

CATALOG # AAA167415	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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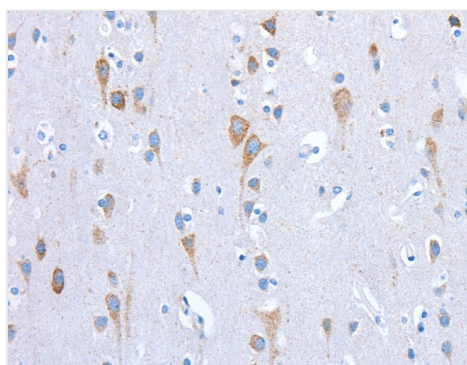
PRODUCT SYNONYMS

PROM1; Polyclonal Antibody; PROM1 Polyclonal Antibody; RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061; anti-PROM1 antibody

PRODUCT SPECIFICATIONS

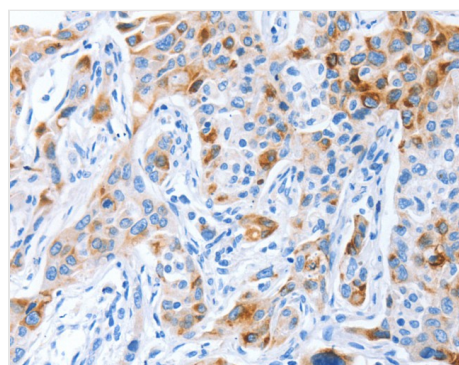
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.6mg/mL (varies by lot)
Sequence Length	856
Applicable Applications for anti-PROM1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PROM1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using PROM1 Polyclonal Antibody at dilution 1:70



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PROM1 Polyclonal Antibody at dilution 1:70

ADDITIONAL INFORMATION

Related Product Information for anti-PROM1 antibody	This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PROM1 antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	15082356
NCBI GeneID	8842
Molecular Weight	94,605 Da
NCBI Official Full Name	PROM1 protein
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	PROM1
NCBI Official Synonym Symbols	RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061
NCBI Protein Information	prominin-1; antigen AC133; hProminin; hematopoietic stem cell antigen; prominin-like protein 1
UniProt Protein Name	Prominin-1
UniProt Gene Name	PROM1
UniProt Synonym Gene Names	PROML1
UniProt Entry Name	PROM1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prom1-antibody-immunohistochemistry-elisa/167415>