

Rabbit Prominin 2 / PROM2 Polyclonal Antibody | anti-PROM2 antibody

Rabbit Polyclonal to Human Prominin 2 / PROM2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51105	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

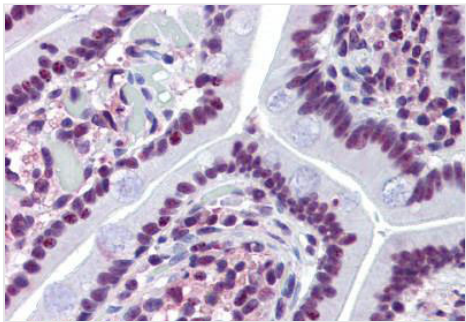
PRODUCT SYNONYMS

Prominin 2 / PROM2; Polyclonal Antibody; Rabbit Polyclonal to Human Prominin 2 / PROM2; Anti-Prominin 2 / PROM2 Antibody (Internal) IHC-plus; PROM2; HPROML2; PROML2; Prominin-like protein 2; Prominin-related protein; PROM-2; Prominin 2; Prominin-2; Human Prominin 2; anti-PROM2 antibody

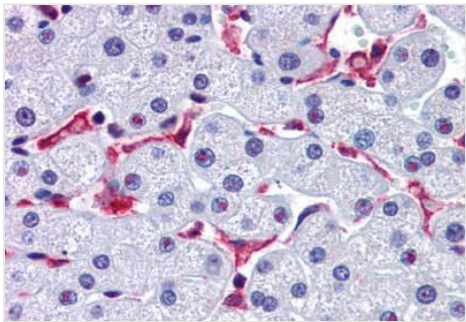
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PROM2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	834
Applicable Applications for anti-PROM2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human PROM2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%); Horse (94%); Panda, Dog, Rabbit (88%).
Immunogen Type	Synthetic peptide
Immunogen	Prominin 2 / PROM2 antibody was raised against synthetic 16 amino acid peptide from internal region of human PROM2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%); Horse (94%); Panda, Dog, Rabbit (88%); Galago, Hamster, Bat, Pig (81%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PROM2 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PROM2 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PROM2 antibody	Prominin 2 belongs to the Prominin family of pentaspan membrane glycoproteins and so contains five transmembrane segments and two large glycosylated extracellular loops. Expression studies in CHO cells showed that prominin 2 was associated with plasma membrane protrusions similar to prominin 1. Prominin 2 is highly expressed in kidney, throughout the digestive tract and in other epithelial tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260764011
NCBI GeneID	150696
NCBI Accession #	NP_653308.2
NCBI GenBank Nucleotide #	NM_144707.2
UniProt Accession #	Q8N271; Q2HIX6; Q8NB84; Q8TAE2; A8K2V1
Molecular Weight	40,582 Da
NCBI Official Full Name	prominin-2
NCBI Official Synonym Full Names	prominin 2
NCBI Official Symbol	PROM2
NCBI Official Synonym Symbols	PROML2
NCBI Protein Information	prominin-2; hPROML2; prominin-like protein 2; prominin-related protein
UniProt Protein Name	Prominin-2
UniProt Gene Name	PROM2
UniProt Synonym Gene Names	PROML2; PROM-2; hPROML2
UniProt Entry Name	PROM2_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.