

Rabbit NPTN / SDR1 Polyclonal Antibody | anti-NPTN antibody

Rabbit Polyclonal to Human NPTN / SDR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51970	Rabbit	Bat, Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat	Immunohistochemistry

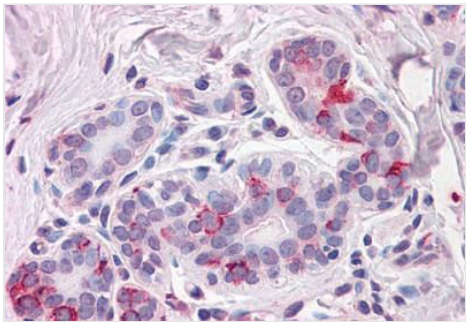
PRODUCT SYNONYMS

NPTN / SDR1; Polyclonal Antibody; Rabbit Polyclonal to Human NPTN / SDR1; Anti-NPTN / SDR1 Antibody (Internal) IHC-plus; NPTN; gp65; gp55; Np55; Np65; SDR-1; SDR1; Neuroplastin; SDFR1; Human NPTN; anti-NPTN antibody

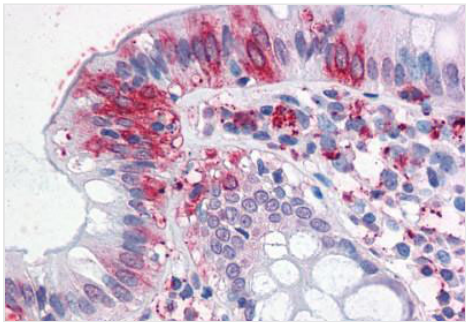
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat
Clonality	Polyclonal
Specificity	Human NPTN. 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	398
Applicable Applications for anti-NPTN antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from internal region of human NPTN.
Immunogen Type	Synthetic peptide
Immunogen	NPTN / SDR1 antibody was raised against synthetic 19 amino acid peptide from internal region of human NPTN. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Guinea pig (100%); Opossum, Turkey, Zebra finch, Chicken, Platypus, Lizard (89%); Salmon, Stickleback, Pufferfish (84%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-NPTN antibody	This gene encodes a type I transmembrane protein belonging to the Ig superfamily. The protein is believed to be involved in cell-cell interactions or cell-substrate interactions. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912646
NCBI GeneID	27020
NCBI Accession #	NP_036560.1
NCBI GenBank Nucleotide #	NM_012428.3
UniProt Accession #	Q9Y639; Q17R52; Q59EJ9; Q6NVX7; Q9Y640; B2RAL7; B7Z4D3; B7ZLL2
Molecular Weight	43,931 Da
NCBI Official Full Name	neuroplastin isoform b
NCBI Official Synonym Full Names	neuroplastin
NCBI Official Symbol	NPTN
NCBI Official Synonym Symbols	GP55; GP65; SDR1; np55; np65; SDFR1
NCBI Protein Information	neuroplastin; SDR-1; stromal cell-derived receptor 1; stromal cell derived factor receptor 1
UniProt Protein Name	Neuroplastin
UniProt Gene Name	NPTN
UniProt Synonym Gene Names	SDFR1; SDR1; SDR-1
UniProt Entry Name	NPTN_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/nptn-sdr1-antibody-immunohistochemistry-elisa/51970>