

Rabbit anti-Human NPTN Polyclonal Antibody | anti-NPTN antibody

NPTN Antibody

CATALOG # AAA231841	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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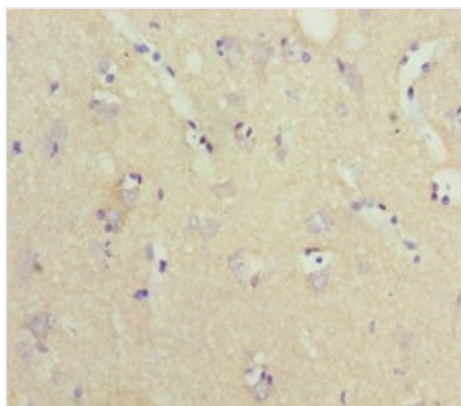
PRODUCT SYNONYMS

NPTN; Polyclonal Antibody; NPTN Antibody; Neuroplastin; Stromal cell-derived receptor 1; SDR-1; SDFR1; SDR1; anti-NPTN antibody

PRODUCT SPECIFICATIONS

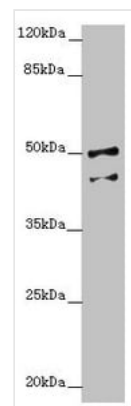
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	394
Applicable Applications for anti-NPTN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Neuroplastin protein (29-200AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-131989 / sc-131990 / sc-102034
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231841 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: NPTN antibody at 4.37 ug/ml+ Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 45,32,31,38,44 kDaObserved band size: 44,50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NPTN antibody	Probable homophilic and heterophilic cell adhesion molecule involved in long term potentiation at hippocampal excitatory synapses through activation of p38MAPK. May also regulate neurite outgrowth by activating the FGFR1 signaling pathway. May play a role in synaptic plasticity (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238624147
NCBI GeneID	27020
NCBI Accession #	NP_001154835.1
NCBI GenBank Nucleotide #	NM_001161363.1
UniProt Accession #	Q9Y639; Q17R52; Q59EJ9; Q6NVX7; Q9Y640; B2RAL7; B7Z4D3; B7ZLL2
Molecular Weight	43,931 Da
NCBI Official Full Name	neuroplastin isoform c
NCBI Official Synonym Full Names	neuroplastin
NCBI Official Symbol	NPTN
NCBI Official Synonym Symbols	GP55; GP65; SDR1; np55; np65; SDFR1
NCBI Protein Information	neuroplastin
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://www.aaabiotech.com/polyclonal/nptn-antibody-immunohistochemistry-western-blot-elisa/231841>