

Rabbit Neuroplastin Polyclonal Antibody | anti-Nptn antibody

Neuroplastin antibody

CATALOG # AAA224303	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Dog	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Neuroplastin; Polyclonal Antibody; Neuroplastin antibody; Polyclonal Neuroplastin; Anti-Neuroplastin; GP65; np65; DKFZp686L2477; MGC102805; np55; GP55; NPTN; SDR1; SDFR1; anti-Nptn antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog
Clonality	Polyclonal
Specificity	Neuroplastin antibody was raised against the middle region of NPTN
Purity/Purification	Total IgG Protein A purified
Form/Format	Lyophilized powder. Add 100ul distilled water for a 1mg/ml concentration of NPTN antibody in PBS
Concentration	1 mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-Nptn antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	Neuroplastin is 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. The alpha and beta transcripts show differential localization within the brain.
Cross-Reactivity	Human, Mouse, Rat, Dog
Immunogen	Neuroplastin antibody was raised using the middle region of NPTN corresponding to a region with amino acids MEYRINKPRAEDSGEYHCVYHFVSAPKANATIEVKAAPDITGHKRSENKN
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.

IMAGES


WB (Western Blot)

Neuroplastin antibody (AAA224303) used at 5 ug/ml to detect target protein.


IHC (Immunohistochemistry)

Neuroplastin antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Skeletal muscle cells (arrows) in Human Muscle. Magnification is at 400X

ADDITIONAL INFORMATION

Related Product Information for anti-Nptn antibody	Rabbit polyclonal Neuroplastin antibody raised against the middle region of NPTN
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9507073
NCBI GeneID	56064
NCBI Accession #	NP_062253.1
NCBI GenBank Nucleotide #	NM_019380.1
Molecular Weight	42 kDa (MW of target protein)
NCBI Official Full Name	neuroplastin
NCBI Official Synonym Full Names	neuroplastin
NCBI Official Symbol	Nptn
NCBI Official Synonym Symbols	Sdfr1
NCBI Protein Information	neuroplastin
UniProt Protein Name	Neuroplastin
UniProt Gene Name	Nptn
UniProt Synonym Gene Names	Sdfr1; Sdr1; gp55/65; SDR-1
UniProt Entry Name	NPTN_RAT

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/neuroplastin-antibody-immunohistochemistry-western-blot-elisa/224303>