

Mouse NPTN Monoclonal Antibody | anti-NPTN antibody

NPTN antibody

CATALOG # AAA106699	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

NPTN; Monoclonal Antibody; NPTN antibody; Monoclonal NPTN; Anti-NPTN; DKFZp686L2477; GP55; GP65; MGC102805; np55; np65; SDFR1; SDR1; anti-NPTN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A6
Purity/Purification	NPTN antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	278
Applicable Applications for anti-NPTN antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	NPTN antibody was raised in Mouse using full length human recombinant protein of human NPTN produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NPTN protein (Right) or empty vector (Left) detected with NPTN antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant NPTN protein using NPTN antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NPTN antibody	Mouse monoclonal NPTN antibody
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Product Categories/Family for anti-NPTN antibody	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238624149
NCBI GeneID	27020
NCBI Accession #	NP_001154836.1
NCBI GenBank Nucleotide #	NM_001161364.1
UniProt Accession #	Q9Y639; Q17R52; Q59EJ9; Q6NVX7; Q9Y640; B2RAL7; B7Z4D3; B7ZLL2
Molecular Weight	43,931 Da
NCBI Official Full Name	neuroplastin isoform d
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://stage.aaabiotech.com/monoclonal/nptn-antibody-clone-2a6-western-blot-immunofluorescence-elisa/106699>