

## Rabbit NPTN Polyclonal Antibody | anti-NPTN antibody

NPTN antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------|------------------------------------|
| AAA199762 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Western Blot, Immunohistochemistry |

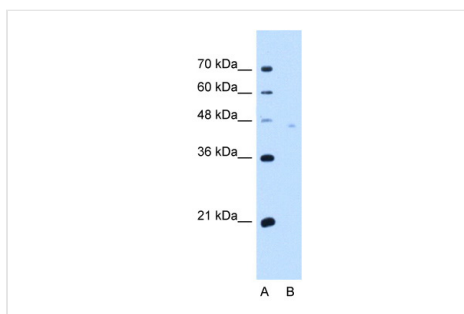
### PRODUCT SYNONYMS

NPTN; Polyclonal Antibody; NPTN antibody - middle region; anti-NPTN antibody

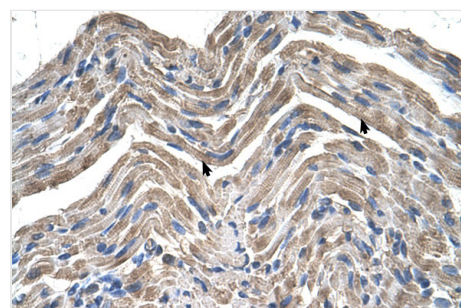
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Protein A purified                                                                                                                                    |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: ME YRINKPRAED SGEYHCVYHF VSAPKANATI EVKAAPDITG HKRSENKN                                                  |
| Sequence Length                                | 398                                                                                                                                                   |
| Applicable Applications for anti-NPTN antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human NPTN                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-NPTN Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate


**IHC (Immunohistochemistry)**

Human Muscle

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NPTN antibody | <p>This is a rabbit polyclonal antibody against NPTN. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: 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. 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.</p> |
| Product Categories/Family for anti-NPTN antibody   | <p>Polyclonal; Signal Proteins; Membrane Protein; Neuroscience; Membrane &amp; Traffic; Immunohistochemistry; Phosphorylation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 6912646                             |
| NCBI GeneID                      | 27020                               |
| NCBI Accession #                 | NP_036560                           |
| NCBI GenBank Nucleotide #        | NM_012428                           |
| UniProt Accession #              | Q9Y639                              |
| Molecular Weight                 | 42kDa                               |
| 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                        |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nptn-antibody-western-blot-immunohistochemistry-elisa/199762>