

AP52923PU-N**Polyclonal Antibody to Neuroplastin / SDFR1 (N-term) - Aff - Purified**

Alternate names:	NPTN, SDR-1, SDR1, Stromal cell-derived receptor 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	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. [provided by RefSeq].
Uniprot ID:	Q9Y639
NCBI:	NP_001154835
GeneID:	27020
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 79-108 amino acids from the N-terminal region of human NPTN
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western Blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	44387 Da
Specificity:	This antibody reacts to NPTN.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Bernstein, H.G., et al. Brain Res. 1134(1):107-112(2007) 2. Saito, A., et al. Neurosci. Lett. 411(3):168-173(2007) 3. Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) 4. Langnaese, K., et al. J. Biol. Chem. 272(2):821-827(1997)

Pictures:

NPTN Antibody (N-term) (Cat. #AP52923PU-N) western blot analysis in 293 cell line lysates (35µg/lane). This demonstrates the NPTN antibody detected the NPTN protein (arrow).

