

Neuroplastin rabbit pAb

Cat No.:ES5530

For research use only

Overview

Product Name	Neuroplastin rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NPTN. AA range:106-155
Specificity	Neuroplastin Polyclonal Antibody detects endogenous levels of Neuroplastin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Neuroplastin
Gene Name	NPTN
Cellular localization	Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Cell junction, synapse, postsynaptic density .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	27020
Human Swiss-Prot Number	Q9Y639
Alternative Names	NPTN; SDFR1; SDR1; Neuroplastin; Stromal cell-derived receptor 1; SDR-1
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, May 2009],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NPTN Antibody. The picture on the right is blocked with the synthesized peptide.

