



# Neuroplastin rabbit pAb

Cat No.:ES5530

For research use only

## Overview

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

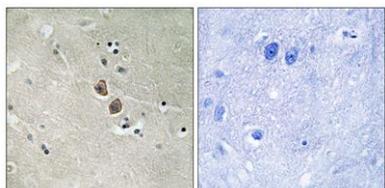




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results in multiple transcript variants. [provided by RefSeq, May 2009],

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



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