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Datasheet for ABIN734638
anti-NPTN antibody (AA 51-150) (Cy5.5)

Overview

Quantity:	100 µL
Target:	NPTN
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPTN antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NPTN
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	NPTN
Alternative Name:	Sdfr1/Nptn (NPTN Products)

Target Details

Background:	Synonyms: stromal cell derived factor receptor 1, GP55, GP65, neuroplastin, np55, np65, SDFR1, SDR1, stromal cell derived factor receptor 1, Neuroplastin, NPTN_HUMAN, SDR-1. Background: NPTN 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.
Gene ID:	27020
UniProt:	Q9Y639
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months