

Neuroplastin Rabbit pAb

CatalogNo: YT3075

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, ELISA

MW

- 31kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human NPTN. AA range:106-155

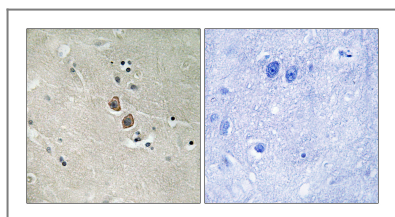
Specificity

Neuroplastin Polyclonal Antibody detects endogenous levels of Neuroplastin protein.

Target Information

Gene name	NPTN		
Protein Name	Neuroplastin		
	Organism	Gene ID	UniProt ID
	Human	27020 ;	Q9Y639 ;
	Mouse	20320 ;	P97300 ;
	Rat	56064 ;	P97546 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Cell junction, synapse, postsynaptic density .		
Tissue specificity	Isoform 1 is ubiquitously expressed. Isoform 2 is expressed in brain cortex and cerebellum (at protein level).		
Function	PTM:N-glycosylated.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Isoform 1 is ubiquitous.,		

Validation Data



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

Contact information

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Please scan the QR code to access additional product information:
Neuroplastin Rabbit pAb

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