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Datasheet for ABIN7301262
anti-Reticulon 4 antibody (Center)

2 Images

Overview

Quantity:	100 µL
Target:	Reticulon 4 (RTN4)
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Sheep, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Reticulon 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nogo.
Specificity:	Recognizes endogenous levels of Nogo protein.
Characteristics:	Rabbit polyclonal antibody to Nogo
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Reticulon 4 (RTN4)
Alternative Name:	Nogo (RTN4 Products)
Background:	KIAA0886, NOGO, Reticulon-4, Foccen, Neurite outgrowth inhibitor, Nogo protein,

Target Details

Neuroendocrine-specific protein, NSP, Neuroendocrine-specific protein C homolog, RTN-x, Reticulon-5

Gene ID: 57142, 68585, 83765

UniProt: [Q9NQC3](#), [Q99P72](#), [Q9JK11](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Cell Size](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

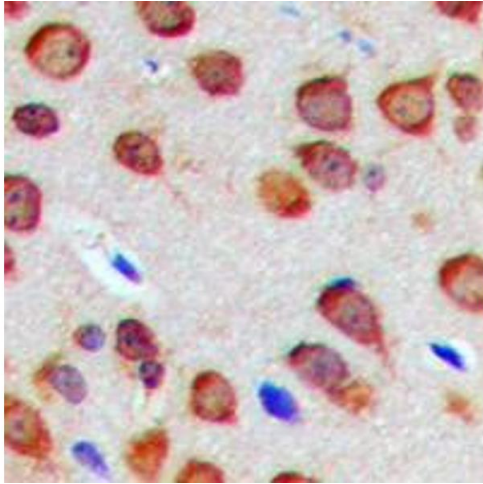
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

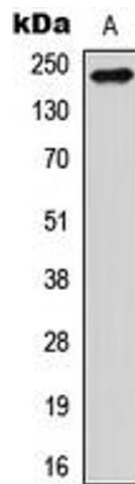
Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of Nogo staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of Nogo expression in HEK293T (A) whole cell lysates.