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Datasheet for ABIN6990959
anti-Neudesin antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	Neudesin (NENF)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neudesin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	NENF antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human NENF. The immunogen is located within the last 50 amino acids of NENF.
Isotype:	IgG
Purification:	NENF Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Neudesin (NENF)
Alternative Name:	NENF (NENF Products)
Background:	NENF Antibody: NENF is a secreted protein that is expressed in neurons but not glial cells of the brain. This protein has neurotrophic activity in primary cultured mouse neurons but not

Target Details

mitogenic activity in primary cultured mouse astrocytes. NENF activated mitogen-activated protein (MAP) and phosphatidylinositol-3 kinase pathways and could be inhibited by pertussis toxin but not receptor tyrosine kinases, suggesting that NENF acts through a Gi/Go-protein-coupled receptor.

Gene ID: 29937

NCBI Accession: [NP_037481](#)

UniProt: [Q9UMX5](#)

Application Details

Application Notes: NENF antibody can be used for detection of NENF by Western blot at 1 - 2 μ g/mL. Despite its predicted molecular weight of ~20 kDa, NENF is observed at 37 kDa in SDS-PAGE. Antibody can also be used for immunohistochemistry starting at 10 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NENF Antibody is supplied in PBS containing 0.02 % 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, 4 °C

Storage Comment: NENF antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.