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Datasheet for ABIN7116786
anti-Neudesin antibody

Overview

Quantity:	100 µg
Target:	Neudesin (NENF)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neudesin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	neuron derived neurotrophic factor
Clone:	7C8
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Neudesin (NENF)
Alternative Name:	NENF (NENF Products)
Background:	Synonyms: CIR2, NENF, NEUDESIN, SCIRP10, SPUF, SPUF protein Background: Acts as a neurotrophic factor in postnatal mature neurons enhancing neuronal survival. Promotes cell

Target Details

proliferation and neurogenesis in undifferentiated neural pro-genitor cells at the embryonic stage and inhibits differentiation of astrocyte. Its neurotrophic activity is exerted via MAPK1/ERK2, MAPK3/ERK1 and AKT1/AKT pathways. Neurotrophic activity is enhanced by binding to heme. Acts also as an anorexigenic neurotrophic factor that contributes to energy balance(By similarity). Plays a role in the human tumorigenesis(PubMed:22748190).

Molecular Weight: 18 kDa

Gene ID: 29937

UniProt: [Q9UMX5](#)

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months