

Neudesin/NENF Rabbit pAb

CatalogNo: YN8756

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 19kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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

Synthesized peptide derived from human Neudesin/NENF

Specificity

This antibody detects endogenous levels of Neudesin/NENF at Human, Mouse, Rat

Target Information

Gene name

NENF CIR2 SPUF

Protein Name	Neudesin (Cell immortalization-related protein 2) (Neuron-derived neurotrophic factor) (Secreted protein of unknown function) (SPUF protein)		
	Organism	Gene ID	UniProt ID
	Human	29937;	Q9UMX5;
	Mouse	66208;	Q9CQ45;
	Rat	289380;	Q6IUR5;
Cellular Localization	Secreted, extracellular space . Mitochondrion . Endoplasmic reticulum . Localized to mitochondria and endoplasmic reticulum by PINK1 and PARK7. .		
Tissue specificity	Ubiquitously expressed with high expression in heart. Over-expressed in various tumors including carcinomas of the uterine cervix, lymphoma, colon, lung, skin and leukemia, as well as carcinoma of the breast.		
Function	Acts as a neurotrophic factor in postnatal mature neurons enhancing neuronal survival . Promotes cell proliferation and neurogenesis in undifferentiated neural progenitor cells at the embryonic stage and inhibits differentiation of astrocytes (By similarity). Its neurotrophic activity is exerted via MAPK1/ERK2, MAPK3/ERK1 and AKT1/AKT pathways (By similarity). Neurotrophic activity is enhanced by binding to heme (By similarity). Acts also as an anorexigenic neurotrophic factor that contributes to energy balance (By similarity).		

Validation Data

Contact information

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Please scan the QR code to access additional product information:
Neudesin/NENF
Rabbit pAb

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