

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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