

Neudesin/NENF rabbit pAb

Catalog No :	YN8756
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	NENF
Gene Name :	NENF CIR2 SPUF
Protein Name :	Neudesin (Cell immortalization-related protein 2) (Neuron-derived neurotrophic factor) (Secreted protein of unknown function) (SPUF protein)
Human Gene Id :	29937
Human Swiss Prot No :	Q9UMX5
Mouse Gene Id :	66208
Mouse Swiss Prot No :	Q9CQ45
Rat Gene Id :	289380
Rat Swiss Prot No :	Q6IUR5
Immunogen :	Synthesized peptide derived from human Neudesin/NENF
Specificity :	This antibody detects endogenous levels of Neudesin/NENF at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	19kD
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).
Subcellular Location :	Secreted, extracellular space . Mitochondrion . Endoplasmic reticulum . Localized to mitochondria and endoplasmic reticulum by PINK1 and PARK7. .
Expression :	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.

Products Images