NNTM Monoclonal Antibody

Catalog No	YP-mAb-05788
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	NNT
Protein Name	NAD(P) transhydrogenase, mitochondrial (EC 1.6.1.2) (Nicotinamide nucleotide transhydrogenase) (Pyridine nucleotide transhydrogenase)
Immunogen	Synthesized peptide derived from human protein . at AA range: 240-320
Specificity	NNTM Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	119kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein ; Matrix side .
Tissue Specificity	Widely expressed with expression most readily detectable in adrenal, heart, kidney, thyroid and adipose tissues.
Function	catalytic activity:NADPH + NAD(+) = NADP(+) + NADH.,function:The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the membrane.,similarity:In the C-terminal section; belongs to the PNT beta subunit family.,similarity:In the N-terminal section; belongs to the AlaDH/PNT family.,subunit:Homodimer.,
Background	This gene encodes an integral protein of the inner mitochondrial membrane. The enzyme couples hydride transfer between NAD(H) and NADP(+) to proton translocation across the inner mitochondrial membrane. Under most physiological conditions, the enzyme uses energy from the mitochondrial proton gradient to produce high concentrations of NADPH. The resulting NADPH is used for biosynthesis and in free radical detoxification. [provided by RefSeq, Sep 2016],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images