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NNT antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12726

Product Information

Application	WB
Primary Accession	Q13423
Other Accession	NM_012343, NP_036475
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113896

Additional Information

Gene ID	23530
Alias Symbol	MGC126502, MGC126503
Other Names	NAD(P) transhydrogenase, mitochondrial, 1.6.1.2, Nicotinamide nucleotide transhydrogenase, Pyridine nucleotide transhydrogenase, NNT
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NNT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NNT antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

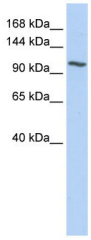
Protein Information

Name	NNT
Function	The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the membrane (By similarity). May play a role in reactive oxygen species (ROS) detoxification in the adrenal gland (PubMed:22634753).
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein; Matrix side
Tissue Location	Widely expressed with expression most readily detectable in adrenal, heart, kidney, thyroid and adipose tissues

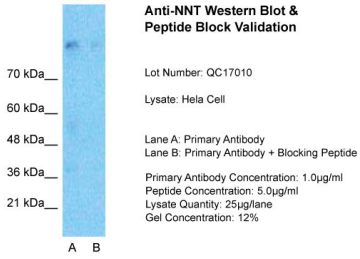
References

Mehrle,A.,NucleicAcidsRes.34(DATABASEISSUE),D415-D418(2006)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-NNT Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Human Liver



Host: Rabbit
Target Name:NNT
Sample Tissue:Hela Whole cell
Lane A: Primary Antibody
Lane B:Primary Antibody + Blocking Peptide
Primary Antibody
Concentration:1µg/ml
Peptide Concentration: 5µg/ml
Lysate Quantity: 25ug/lane/Lane Gel
Concentration: 0.12

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.