

NNT antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12726**Specification**

NNT antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O13423
Other Accession	NM_012343 , NP_036475
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114kDa KDa

NNT antibody - N-terminal region - 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.

NNT antibody - N-terminal region - 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

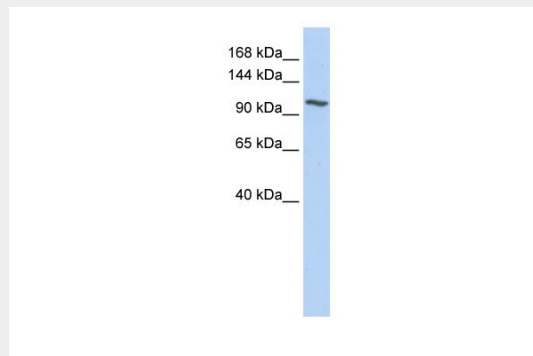
Widely expressed with expression most readily detectable in adrenal, heart, kidney, thyroid and adipose tissues

NNT antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

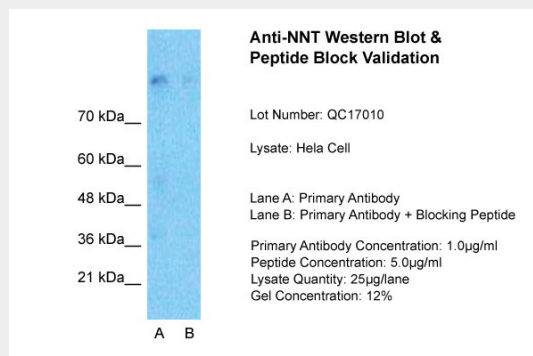
NNT antibody - N-terminal region - Images



WB Suggested Anti-NNT Antibody Titration: 0.2-1 $\mu\text{g/ml}$

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

NNT antibody - N-terminal region - References

Mehrle, A., *Nucleic Acids Res.* 34(DATABASE ISSUE), D415-D418 (2006) Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.