

NNT Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58278

Specification

NNT Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O13423
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113896

NNT Polyclonal Antibody - Additional Information

Gene ID 23530

Other Names

NAD(P) transhydrogenase, mitochondrial, 7.1.1.1, Nicotinamide nucleotide transhydrogenase, Pyridine nucleotide transhydrogenase, NNT

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NNT Polyclonal Antibody - 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

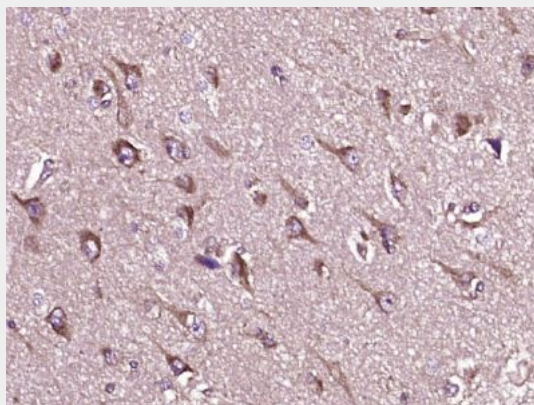
Widely expressed with expression most readily detectable in adrenal, heart, kidney, thyroid and adipose tissues

NNT Polyclonal Antibody - 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 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NNT) Polyclonal Antibody, Unconjugated (bs-5097R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.