

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

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**NNT Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O13423</a>
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:&lt;a href="http://www.uniprot.org/citations/22634753" target="\_blank"&gt;22634753&lt;/a&gt;).

**Cellular Location**

Mitochondrion inner membrane; Multi-pass membrane protein; Matrix side

**Tissue Location**

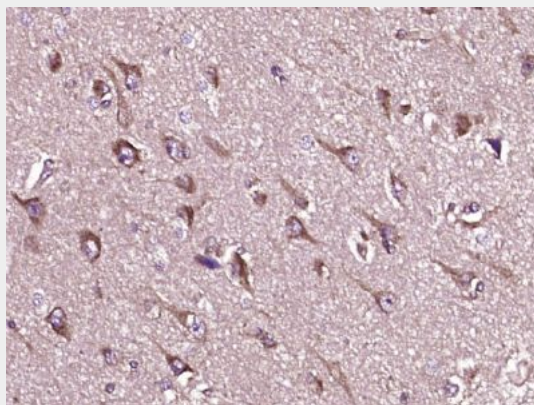
Widely expressed with expression most readily detectable in adrenal, heart, kidney, thyroid and adipose tissues

**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.