

Rabbit NNT Polyclonal Antibody | anti-NNT antibody

NNT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328051	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

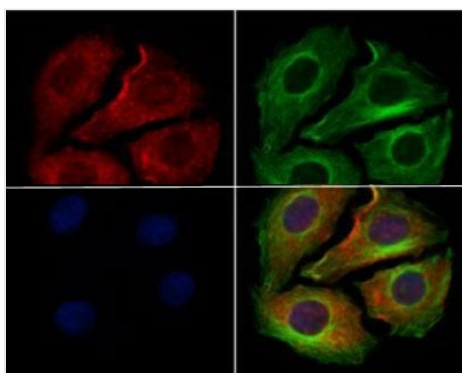
PRODUCT SYNONYMS

NNT; Polyclonal Antibody; NNT Antibody; GCCD4; mitochondrial; NAD(P) transhydrogenase; NAD(P) transhydrogenase mitochondrial; Nicotinamide nucleotide transhydrogenase; NNTM; NNTM_HUMAN; Pyridine nucleotide transhydrogenase; anti-NNT antibody

PRODUCT SPECIFICATIONS

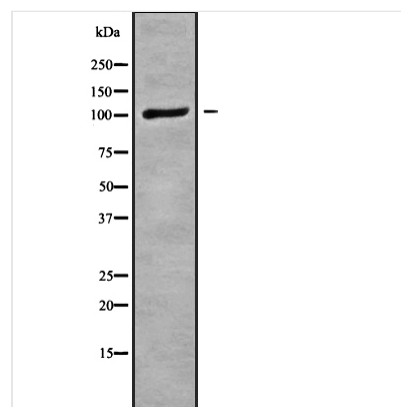
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NNT antibody detects endogenous levels of total NNT
Purity/Purification	peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1086
Applicable Applications for anti-NNT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NNT, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



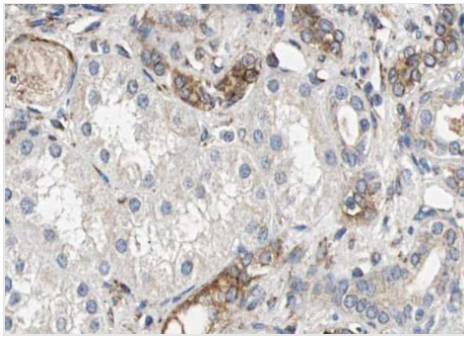
IF (Immunofluorescence)

AAA328051 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328051 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis NNT using A549 whole cell lysates



IHC (Immunohistochemistry)

AAA328051 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NNT antibody	Function: The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the membrane. May play a role in reactive oxygen species (ROS) detoxification in the adrenal gland. Subunit Structure: Homodimer. Similarity: In the N-terminal section; belongs to the AlaDH/PNT family. In the C-terminal section; belongs to the PNT beta subunit family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122939155
NCBI GeneID	23530
NCBI Accession #	NP_036475.3
NCBI GenBank Nucleotide #	NM_012343.3
UniProt Accession #	Q13423; Q16796; Q2TB60; Q8N3V4
Molecular Weight	114 kDa
NCBI Official Full Name	NAD(P) transhydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	nicotinamide nucleotide transhydrogenase
NCBI Official Symbol	NNT
NCBI Official Synonym Symbols	GCCD4
NCBI Protein Information	NAD(P) transhydrogenase, mitochondrial
UniProt Protein Name	NAD(P) transhydrogenase, mitochondrial
UniProt Gene Name	NNT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nnt-antibody-immunohistochemistry-western-blot-elisa/328051>