

NNT rabbit monoclonal antibody

Catalog # H00023530-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NNT peptide using ARM Technology.
Immunogen	A synthetic peptide of human NNT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NNT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NNT

Entrez GeneID [23530](#)

GeneBank Accession# [NNT](#)

Gene Name NNT

Gene Alias MGC126502, MGC126503

Gene Description nicotinamide nucleotide transhydrogenase

Omim ID [607878](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an integral protein of the inner mitochondrial membrane. The enzyme couples hydride transfer between NAD(H) and NADP(+) to proton translocation across the inner mitochondrial membrane. Under most physiological conditions, the enzyme uses energy from the mitochondrial proton gradient to produce high concentrations of NADPH. The resulting NADPH is used for biosynthesis and in free radical detoxification. Two alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]

Other Designations NAD(P) transhydrogenase|OTTHUMP00000122433|pyridine nucleotide transhydrogenase

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)