

Datasheet for ABIN635092 **anti-NNT antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	NNT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NNT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NNT antibody was raised using the N terminal of NNT corresponding to a region with amino acids IVRGFDTRAAALEQFKSLGAEPLEVDLKESEGEGGGYAKEMSKEFIEAEM
Specificity:	NNT antibody was raised against the N terminal of NNT
Purification:	Affinity purified

Target Details

Target:	NNT
Alternative Name:	NNT (NNT Products)
Background:	NNT is 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

Target Details

mitochondrial proton gradient to produce high concentrations of NADPH. The resulting NADPH is used for biosynthesis and in free radical detoxification.

Molecular Weight: 114 kDa (MW of target protein)

Pathways: [Proton Transport](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NNT Blocking Peptide, catalog no. 33R-4206, is also available for use as a blocking control in assays to test for specificity of this NNT antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NNT antibody in PBS

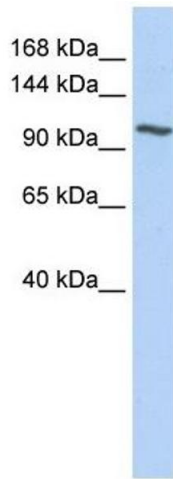
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. NNT antibody used at 1 ug/ml to detect target protein.