bs-5097R **[Primary Antibody]**

NNT Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 23530 **SWISS:** Q13423

Target: NNT

Immunogen: KLH conjugated synthetic peptide derived from human NNT: 981-1086/1086.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Nicotinamide nucleotide transhydrogenase (NNT) is an integral protein of the inner mitochondrial membrane.It couples hydride transfer between NAD(H) and NADP(+) to proton translocation across the inner mitochondrial membrane.

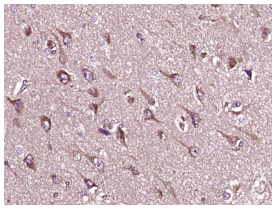
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 109 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION 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) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=4.331]** Salerno AG et al. Lack of mitochondrial NADP (H)-transhydrogenase expression in macrophages exacerbates atherosclerosis in hypercholesterolemic mice. Biochem J. 2019 Dec 23;476(24):3769-3789. WB ;Mouse. 31803904
- **[IF=0]** Roider, Elisabeth Maria, and David Erich Fisher. "METHODS AND COMPOSITIONS FOR ENHANCING SKIN PIGMENTATION." U.S. Patent No. 20,160,136,070. 19 May 2016. Other ;="Human". US Patent No20150335744