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Product datasheet for TA388227M

NMNAT3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 3 protein (1-215AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q96T66
Background:	Catalyzes the formation of NAD+ from nicotinamide mononucleotide (NMN) and ATP. Can also use the deamidated form; nicotinic acid mononucleotide (NaMN) as substrate with the same efficiency. Can use triazofurin monophosphate (TrMP) as substrate. Can also use GTP and ITP as nucleotide donors. Also catalyzes the reverse reaction, i.e. the pyrophosphorolytic cleavage of NAD+. For the pyrophosphorolytic activity, can use NAD (+), NADH, NAAD, nicotinic acid adenine dinucleotide phosphate (NHD), nicotinamide guanine dinucleotide (NGD) as substrates. Fails to cleave phosphorylated dinucleotides NADP+, NADPH and NAADP+. Protects against axonal degeneration following injury.

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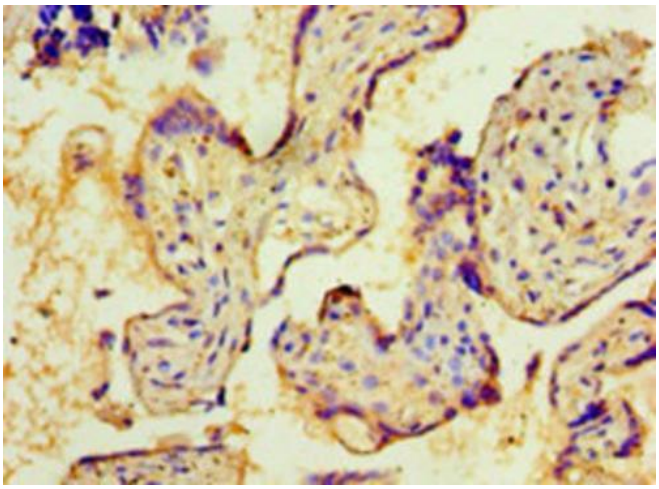
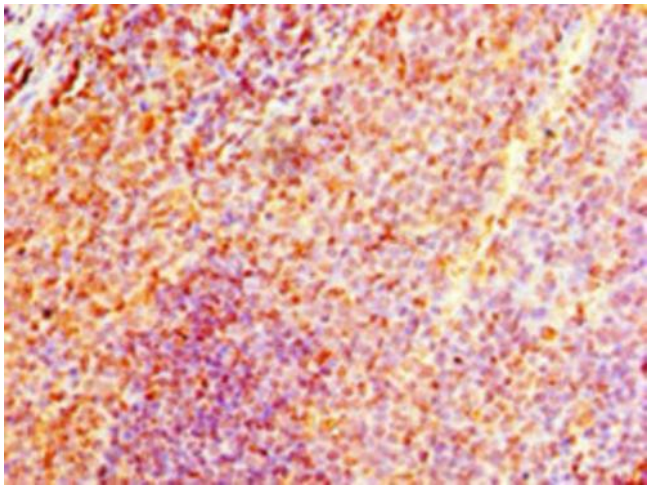
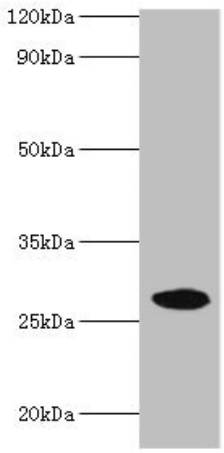
Product images:



Immunohistochemistry of paraffin-embedded human placenta tissue using [TA388227] at dilution of 1:100



Immunohistochemistry of paraffin-embedded human tonsil tissue using [TA388227] at dilution of 1:100



Western blot
All lanes: NMNAT3 antibody at 2µg/ml + Mouse brain tissue
Secondary
Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 29, 25, 19 kDa
Observed band size: 29 kDa