Datasheet for ABIN7116866

anti-NMNAT3 antibody

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Overview

Quantity:	100 µg
Target:	NMNAT3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMNAT3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	nicotinamide nucleotide adenylyltransferase 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	NMNAT3
Alternative Name:	NMNAT3 (NMNAT3 Products)
Background:	Synonyms: 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

Target Details

	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.
Molecular Weight:	24-28 kDa
Gene ID:	349565
UniProt:	Q96T66

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months