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Datasheet for ABIN263189

anti-NMNAT3 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	NMNAT3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NMNAT3 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	NMNAT3
Immunogen:	Peptide with sequence C-GSTWKGKSTQSTE, from the C Terminus of the protein sequence according to NP_835471.1.
Sequence:	GSTWKGKSTQ STE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	NMNAT3
Alternative Name:	NMNAT3 (NMNAT3 Products)
Background:	NMNAT3, nicotinamide nucleotide adenylyltransferase 3 , PNAT-3, PNAT3, pyridine nucleotide adenylyltransferase 3
Gene ID:	349565
NCBI Accession:	NP_835471 , NP_001186976 , NP_001307440 , NP_001307442

Application Details

Application Notes:	Western Blot: Preliminary testing showed a band at approx 30 kDa in Human Placenta and Spleen lysate, and approx. 28 kDa in Human Bone Marrow lysate after 0.3-0.5 µg/mL antibody staining (calculated MW of 28.3 kDa according to NP_001307440.1). Primary in Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Flow Cytometry: A customer reported weak staining of HEK293 cells at a concentration of 10 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.