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EB08500 - Goat Anti-NMNAT3 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: NMNAT3, nicotinamide nucleotide adenylyltransferase 3, PNAT-3, PNAT3, pyridine nucleotide adenylyltransferase 3
Official Symbol: NMNAT3
Accession Number(s): NP_835471.1; NP_001186976.1; NP_001307440.1; NP_001307442.1
Human GeneID(s): 349565

Immunogen

Peptide with sequence C-GSTWKGKSTQSTE, from the C Terminus of the protein sequence according to NP_835471.1; NP_001186976.1; NP_001307440.1; NP_001307442.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Preliminary testing showed a band at approx 30kDakDa in Human Placenta and Spleen lysate, and approx. 28kDa in Human Bone Marrow lysate after 0.3-0.5µg/ml antibody staining (calculated MW of 28.3kDa according to NP_001307440.1). Primary incubation 1 hour at room temperature.

Flow Cytometry: A customer reported weak staining of HEK293 cells at a concentration of 10ug/ml.

Species Reactivity

Tested:
Expected from sequence similarity: Human