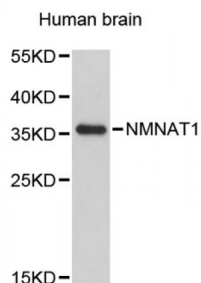


Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Nicotinamide Nucleotide Adenylyltransferase 1 (NMNAT1) Antibody

Catalogue No.: abx003756



Western blot analysis of extracts of human brain, using NMNAT1 antibody (abx003756).

NMNAT1 Antibody is a Rabbit Polyclonal antibody against NMNAT1. This gene encodes an enzyme which catalyzes a key step in the biosynthesis of the coenzyme NAD. The encoded protein is one of several nicotinamide nucleotide adenylyltransferases. Studies in *Drosophila* and mammalian neurons have shown the encoded protein can confer protection to damaged neurons. This protection requires enzymatic activity which increases NAD levels and activates a nuclear deacetylase which is the protective molecule. Pseudogenes of this gene are located on chromosomes 1, 3, 4, 14 and 15.

Target: NMNAT1

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human NMNAT1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Store at 4 °C.

Molecular Weight: Calculated MW: 31 kDa
Observed MW: 36 kDa

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Swiss Prot: [Q9HAN9](#)

GeneID: [64802](#)

Gene Symbol: NMNAT1

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide.

Note: This product is for research use only.