

A19476

Leader in Biomolecular Solutions for Life Science



NMNAT1 Rabbit pAb

Catalog No.: A19476

Basic Information

Observed MW

36kDa

Calculated MW

32kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes an enzyme which catalyzes a key step in the biosynthesis of nicotinamide adenine dinucleotide (NAD). The encoded enzyme is one of several nicotinamide nucleotide adenylyltransferases, and is specifically localized to the cell nucleus. Activity of this protein leads to the activation of a nuclear deacetylase that functions in the protection of damaged neurons. Mutations in this gene have been associated with Leber congenital amaurosis 9. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are located on chromosomes 1, 3, 4, 14, and 15.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

64802

Swiss Prot

Q9HAN9

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

LCA9; NMNAT; PNAT1; SHILCA; NMNAT1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

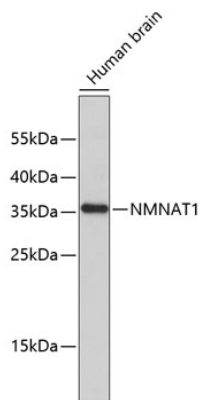
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of lysates from human brain, using NMNAT1 Rabbit pAb (A19476).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.