

A21048

Leader in Biomolecular Solutions for Life Science



Coenzyme NAD Rabbit pAb

Catalog No.: A21048

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Small Molecule-specific Antibody

Applications

ELISA,DB

Cross-Reactivity

Species independent

Background

NAD⁺, as a key coenzyme in eukaryotic organisms, determines hundreds of enzymatic reactions. The coenzyme NAD is involved in oxidation-reduction reactions critical for glycolysis, fatty acid oxidation, the TCA cycle, and complex I of the mitochondrial respiratory chain and also is a key regulator of autophagy. In addition, NAD⁺ can also indirectly regulate the process of anti-stress, cell growth, anti-inflammatory and anti-aging processes by regulating the function of Sirtuins factor which has NAD⁺ dependent protein deacetylation activity. The decline of NAD⁺ level will also lead to heart failure and Alzheimer's disease.

Recommended Dilutions

DB 1:500 - 1:1000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

NAD

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

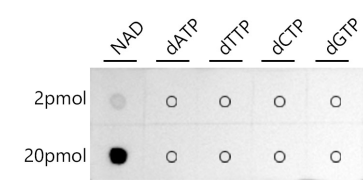
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Dot-blot analysis of all sorts of chemical compounds using Coenzyme NAD antibody (A21048) at 1:1000 dilution.