Coenzyme NAD Rabbit pAb

Catalog No.: A21048



Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary antibody

Applications

DB,ELISA

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

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot

Immunogen

Chemical compounds corresponding to Coenzyme.

Synonyms

Contact

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Product Information

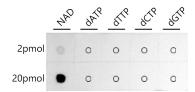
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



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