

Coenzyme NAD Rabbit pAb

Catalog NO.: A21048

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Polyclonal Antibodies

Applications

DB, ELISA

Cross-Reactivity

Species independent

Conjugation

Unconjugated

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

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

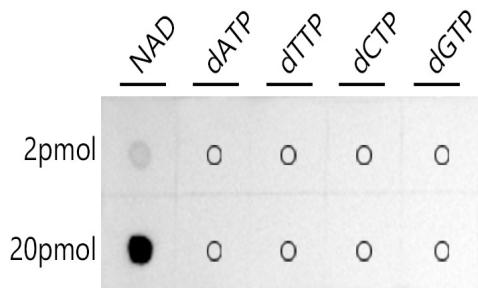
Affinity purification

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.

