# MT-ND4 Rabbit pAb

Catalog No.: A9941 15 Publications



# **Basic Information**

## **Observed MW**

50kDa

#### **Calculated MW**

51kDa

## Category

Primary antibody

## **Applications**

WB, ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

Predicted to enable NADH dehydrogenase (ubiquinone) activity and ubiquinone binding activity. Predicted to contribute to NADH dehydrogenase activity. Predicted to be involved in several processes, including electron transport coupled proton transport; mitochondrial electron transport, NADH to ubiquinone; and mitochondrial respiratory chain complex I assembly. Located in mitochondrion. Human ortholog(s) of this gene implicated in Leber hereditary optic neuropathy; Parkinson's disease; macular degeneration; and schizophrenia. Orthologous to human MT-ND4 (mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 4).

## **Recommended Dilutions**

**WB** 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

17719

#### **Immunogen**

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

## **Synonyms**

ND4; MT-ND4

## **Contact**

| <b>a</b>  |   | 400-999-6126              |
|-----------|---|---------------------------|
| $\bowtie$ |   | cn.market@abclonal.com.cn |
| $\odot$   | Т | www.abclonal.com.cn       |

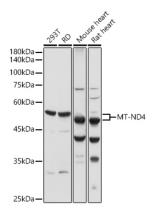
## **Product Information**

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.



Western blot analysis of various lysates using MT-ND4 Rabbit pAb (A9941) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.