MT-ND1 Rabbit pAb

Catalog No.: A5250 8 Publications



Basic Information

Observed MW

36kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Mouse

Background

Predicted to enable triplet codon-amino acid adaptor activity. Predicted to act upstream of or within translation. Predicted to be located in mitochondrion. Orthologous to human MT-TI (mitochondrially encoded tRNA-Ile (AUU/C)).

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 IDSwiss Prot
17716
P03888

Immunogen

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

Synonyms

TrnI; MT-ND1

Contact

| a | 400-999-6126 |
|-------------------|---------------------------|
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Product Information

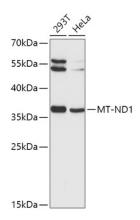
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20 $^{\circ}\text{C}.$ Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using MT-ND1 Rabbit pAb (A5250) 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: 5s.