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Datasheet for ABIN7268597
anti-MT-ND1 antibody

1 Image

Overview

Quantity:	100 µL
Target:	MT-ND1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MT-ND1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MT-ND1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human MT-ND1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	MT-ND1
Alternative Name:	MT-ND1 (MT-ND1 Products)
Background:	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex

Target Details

I which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor. Essential for the catalytic activity and assembly of complex I.,MTND1,Cancer,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial metabolism_Mitochondrial markers,Mitochondrial metabolism_Oxidative phosphorylation,Neurodegenerative Diseases,Neuroscience,Signal Transduction,MT-ND1

Molecular Weight: 38kDa

Gene ID: 4535

UniProt: [P03886](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

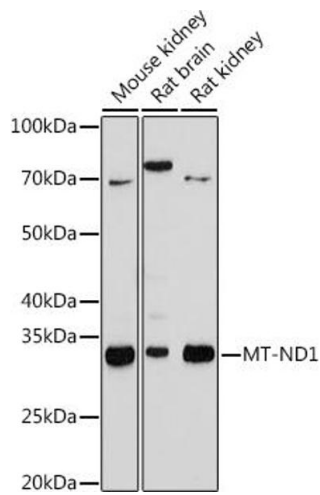
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MT-ND1 antibody (ABIN7268597) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.