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Datasheet for ABIN7266427  
**anti-COQ10B antibody (AA 38-150)**

1 Image

Overview

Quantity:	100 µL
Target:	COQ10B
Binding Specificity:	AA 38-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COQ10B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	COQ10B Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 38-150 of human COQ10B (NP_079423.1).
Sequence:	ASCGILMSRT LPLHTSILPK EICARTFFKI TAPLINKRKE YSERRILGYS MQEMYDVVSG VEDYKHFVPW CKKSDVISKR SGYCKTRLEI GFPPVLERYT SVVTLVKPHL VKA
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	COQ10B
Alternative Name:	COQ10B ( <a href="#">COQ10B Products</a> )
Background:	Required for the function of coenzyme Q in the respiratory chain. May serve as a chaperone or may be involved in the transport of Q6 from its site of synthesis to the catalytic sites of the respiratory complexes (By similarity.,COQ10B,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,Dopamine Signaling in Parkinson's Disease,COQ10B
Molecular Weight:	22kDa/27kDa
Gene ID:	80219
UniProt:	<a href="#">Q9H8M1</a>

## Application Details

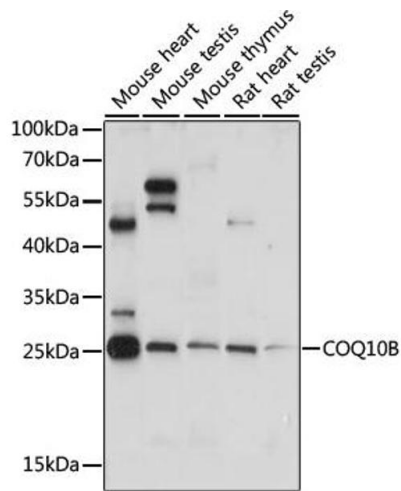
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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 COQ10B antibody (ABIN7266427) at 1:1105 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: 10s.