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anti-COX4I2 antibody (Internal Region)





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Overview	
Quantity:	100 μL
Target:	COX4I2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX4I2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human COX42, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	COX42 Antibody detects endogenous levels of total COX42.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	COX4I2

Target Details

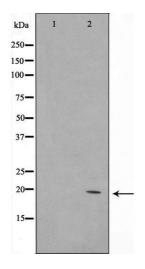
Alternative Name:	COX4I2 (COX4I2 Products)
Background:	Description: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. Gene: COX4I2
Molecular Weight:	20kDa
Gene ID:	84701
UniProt:	Q96KJ9
Pathways:	Proton Transport

Application Details

Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

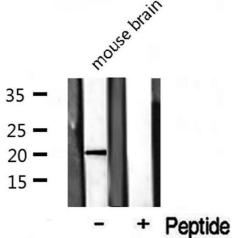
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



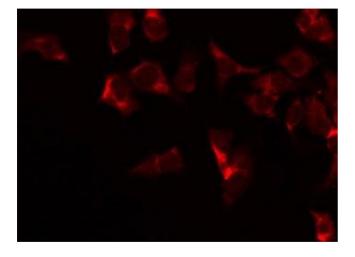
Western Blotting

Image 1. Western blot analysis on K562 cell lysate using COX42 Antibody, *The lane on the left is treated with the antigen-specific peptide.*



Western Blotting

Image 2. Western blot analysis on mouse brain lysate using COX42 Antibody



Immunofluorescence (fixed cells)

Image 3. ABIN6266937 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25_iaC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37_iaC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

Please check the product details page for more images. Overall 4 images are available for ABIN6260988.