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anti-Cytochrome b antibody (N-Term)

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Images



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Target:

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

Target Details

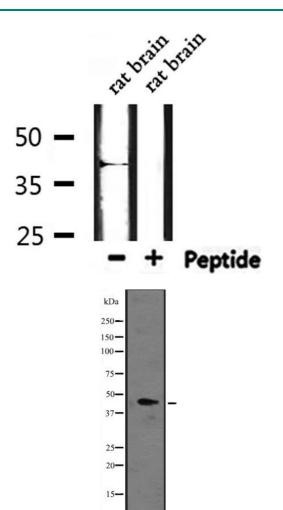
Alternative Name:	MT-CYB (MT-CYB Products)	
Background:	Description: Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain. The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c. Contributes to the generation of a proton gradient across the mitochondrial membrane that is then used for ATP synthesis. Gene: MT-CYB	
Molecular Weight:	43 kDa	
Gene ID:	4519	
UniProt:	P00156	
Pathways:	Proton Transport	

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, 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
Expiry Date:	12 months

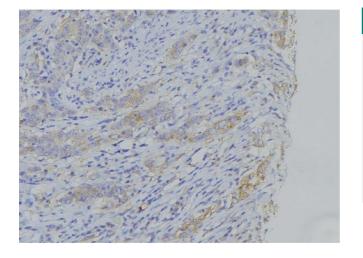


Western Blotting

Image 1. Western blot analysis of extracts from rat brain, using MT-CYB Antibody.

Western Blotting

Image 2. Western blot analysis of MT-CYB expression in Hela cell lysate, The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 3. ABIN6273503 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary