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Datasheet for ABIN892028

anti-COX3 antibody (AA 25-130) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	COX3 (COX-3)
Binding Specificity:	AA 25-130
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COX3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	COX3 (COX-3)
Alternative Name:	COX3 (COX-3 Products)

Target Details

Background:	<p>Synonyms: Cytochrome c oxidase polypeptide III, Cytochrome c oxidase subunit 3, COIII, COX3, COX-3, COXIII, MT CO3, MTCO3, COX3_HUMAN.</p> <p>Background: Cytochrome C Oxidase subunits I, II and III form the functional core of the enzyme complex. Defects in Cytochrome C Oxidase subunits III are a cause of Leber hereditary optic neuropathy (LHON) and cytochrome c oxidase deficiency (COX deficiency). Defects in Cytochrome C Oxidase subunits III are also found in mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes (MELAS) syndrome and recurrent myoglobinuria.</p>
Gene ID:	4514

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months