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Datasheet for ABIN7074659

anti-MT-ND5 antibody

5 Images

Overview

Quantity:	100 µL
Target:	MT-ND5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse MT-ND5
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	MT-ND5
Alternative Name:	MT-ND5 (MT-ND5 Products)
Background:	ND5 belongs to the complex I subunit 1 family. ND5 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Target Details

Molecular Weight:	68 kDa
Gene ID:	17721
NCBI Accession:	NP_904338
UniProt:	P03921

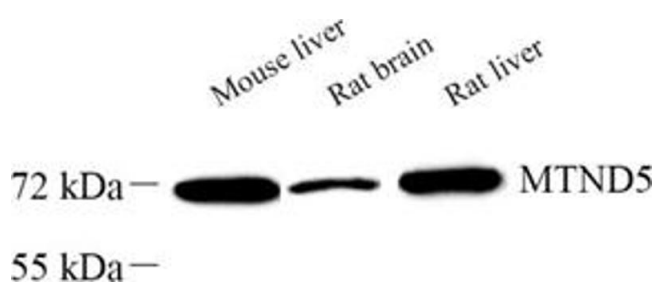
Application Details

Application Notes:	WB (M,R) 1:1000- 1:2000, IHC/IF (H,R) 1:400-1:800/1:400-1:800
Restrictions:	For Research Use only

Handling

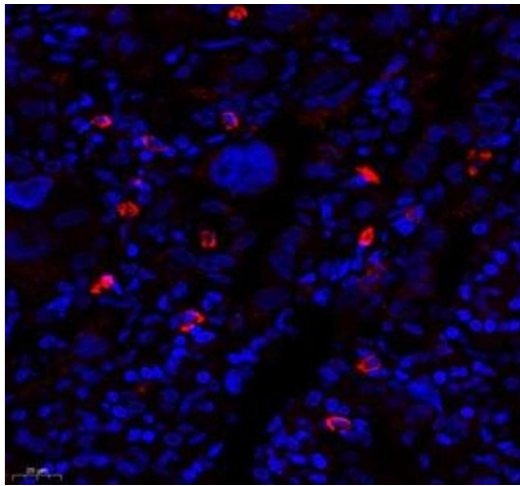
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



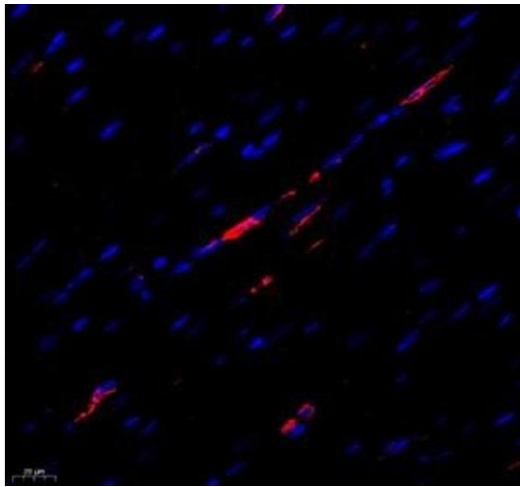
Western Blotting

Image 1. Western blot analysis of MTND5 (ABIN7074659) at dilution of 1: 1000



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Immunofluorescence of paraffin embedded human lung cancer using MTND5 (ABIN7074659) at dilution of 1: 400 (450x lens)



Immunofluorescence (Paraffin-embedded Sections)

Image 3. Immunofluorescence of paraffin embedded rat heart using MTND5 (ABIN7074659) at dilution of 1: 400 (400x lens)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7074659.