

Datasheet for ABIN7437398
anti-MT-ND5 antibody (AA 425-562)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	MT-ND5
Binding Specificity:	AA 425-562
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to NADH Dehydrogenase 5 (ND5)
Immunogen:	Recombinant NADH Dehydrogenase 5 (ND5) corresponding to Arg425~Lys562 (Accession # AP_004902.1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ND5. It has been selected for its ability to recognize ND5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

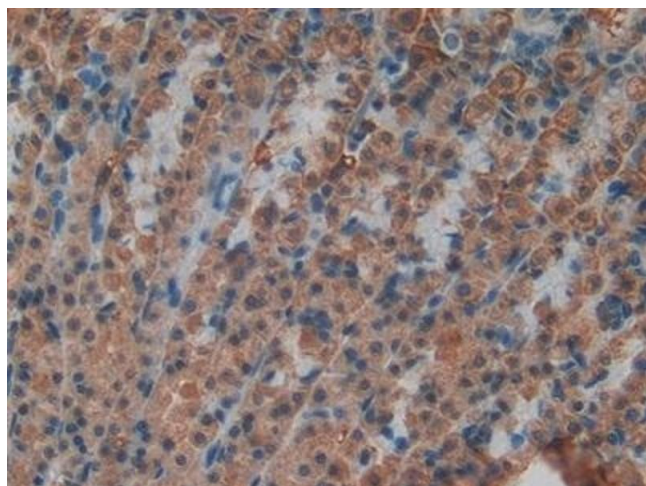
Target:	MT-ND5
Alternative Name:	NADH Dehydrogenase 5 (MT-ND5 Products)
Background:	MT-ND5, MTND5, NAD5, NADH-Ubiquinone Oxidoreductase Chain 5, Mitochondrially Encoded NADH Dehydrogenase 5

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

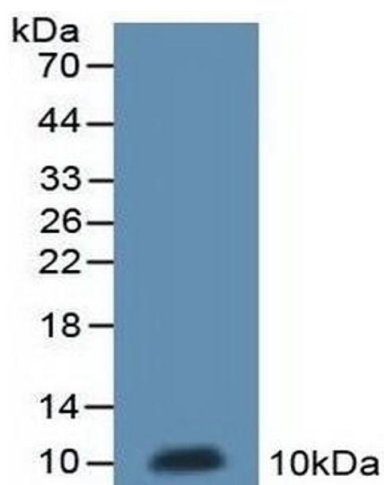
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



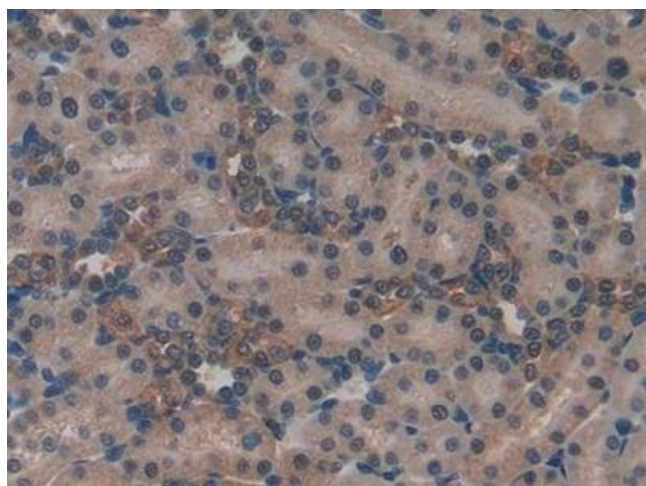
Immunohistochemistry

Image 1. Detection of ND5 in Rat Stomach Tissue using Polyclonal Antibody to NADH Dehydrogenase 5 (ND5)



Western Blotting

Image 2. Detection of Recombinant ND5, Rat using Polyclonal Antibody to NADH Dehydrogenase 5 (ND5)



Immunohistochemistry

Image 3. Detection of ND5 in Rat Kidney Tissue using Polyclonal Antibody to NADH Dehydrogenase 5 (ND5)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7437398.