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Datasheet for ABIN7159585
anti-MTR antibody (AA 923-1265)

3 Images

Overview

Quantity:	100 µg
Target:	MTR
Binding Specificity:	AA 923-1265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTR antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Methionine synthase protein (923-1265AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MTR
Alternative Name:	MTR (MTR Products)
Background:	Background: Catalyzes the transfer of a methyl group from methyl-cobalamin to homocysteine, yielding enzyme-bound cob(I)alamin and methionine. Subsequently, remethylates the cofactor

Target Details

using methyltetrahydrofolate (By similarity).

Aliases: MTRMethionine synthase antibody, EC 2.1.1.13 antibody, 5-methyltetrahydrofolate--homocysteine methyltransferase antibody, Vitamin-B12 dependent methionine synthase antibody, MS antibody

UniProt: [Q99707](#)

Pathways: [Methionine Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

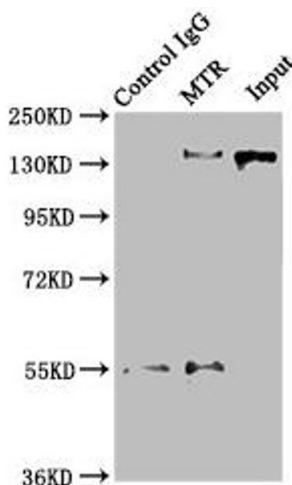
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

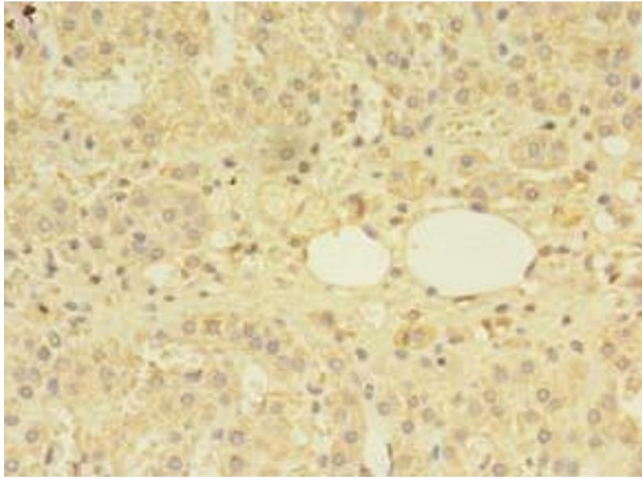
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



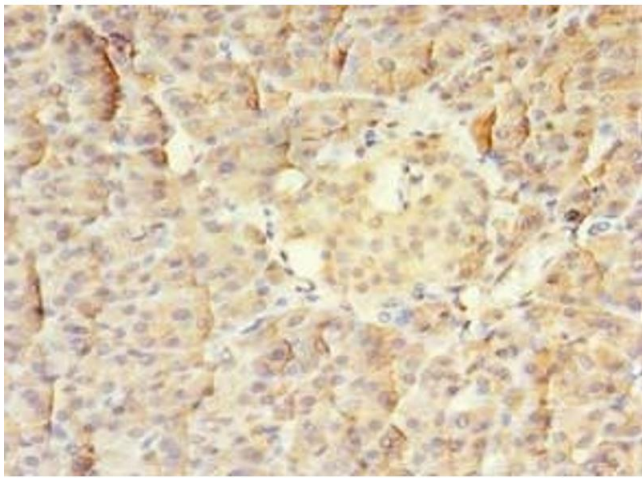
Western Blotting

Image 1. Immunoprecipitating MTR in HeLa whole cell lysate
Lane 1: Rabbit control IgG instead of ABIN7159585 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)
Lane 2: ABIN7159585 (8 µg) + HeLa whole cell lysate (500 µg)
Lane 3: HeLa whole cell lysate (10 µg)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7159585 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7159585 at dilution of 1:100