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Datasheet for ABIN7003840

anti-MMGT1 antibody

1 Image

Overview

Quantity:	20 µL
Target:	MMGT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMGT1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Full length fusion protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	MMGT1
Alternative Name:	MMGT1 (MMGT1 Products)
Background:	MMGT1 (membrane magnesium transporter 1), also known as TMEM32 (transmembrane protein 32), is a 131 amino acid single-pass type I membrane protein of the endoplasmic reticulum, golgi apparatus and early endosome that belongs to the membrane magnesium transporter family. As such, MMGT1 mediates magnesium transport and exists as two

Target Details

alternatively spliced isoforms. The gene encoding MGMT1 maps to human chromosome Xq26.3. The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of a X and Y chromosome lead to normal male development while two copies of X lead to normal female development.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 15 kDa

UniProt: [Q8N4V1](#)

Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

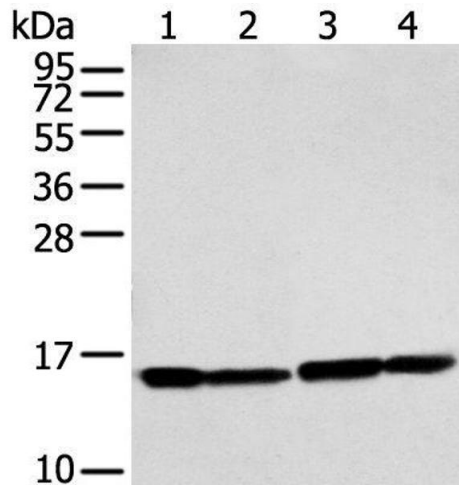
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of 293T and Hela cell using MMGT1 Polyclonal Antibody at dilution of 1:250