

Datasheet for ABIN2463584
anti-MTL5 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	MTL5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTL5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MTL5.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	MTL5
Alternative Name:	MTL5 (MTL5 Products)
Background:	Metallothionein proteins are highly conserved low-molecular-weight cysteine-rich proteins that are induced by and bind to heavy metal ions and have no enzymatic activity. They may play a central role in the regulation of cell growth and differentiation and are involved in spermatogenesis. MTL5 is a metallothionein-like protein which has been shown to be expressed differentially in mouse testis and ovary. Metallothionein proteins are highly conserved

Target Details

low-molecular-weight cysteine-rich proteins that are induced by and bind to heavy metal ions and have no enzymatic activity. They may play a central role in the regulation of cell growth and differentiation and are involved in spermatogenesis. This gene encodes a metallothionein-like protein which has been shown to be expressed differentially in mouse testis and ovary. Two transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 56 kDa

Gene ID: 9633

NCBI Accession: [NP_004914](#)

UniProt: [Q9Y4I5](#)

Application Details

Application Notes: MTL5 antibody can be used for detection of MTL5 by ELISA at 1:312500. MTL5 antibody can be used for detection of MTL5 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

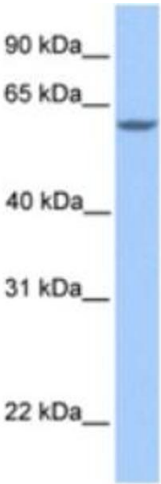
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store MTL5 antibody at -20 °C.



Western Blotting

Image 1.