

Datasheet for ABIN2785486
anti-MTL5 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MTL5
Sequence:	EAYLGPADPK EPVLHAFNPA LGADCKGQVK AKLAGGDSGDG GELLGEYPGI
Predicted Reactivity:	Dog: 83%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MTL5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MTL5
Alternative Name:	MTL5 (MTL5 Products)

Target Details

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 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. Alias Symbols: CXCDC2, MTLT, TESMIN Protein Size: 508
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Molecular Weight:	56 kDa
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Gene ID:	9633
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NCBI Accession:	NM_004923 , NP_004914
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UniProt:	Q9Y4I5
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 508 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MTL5 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain