

Datasheet for ABIN2773889
anti-ICMT antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	ICMT
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Dog, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ICMT
Sequence:	GSNFNHVVQN EKSDTHTLVT SGVYAWFRHP SYVGWFYWSI GTQVMLCNPI
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 79%
Characteristics:	This is a rabbit polyclonal antibody against ICMT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ICMT
---------	------

Target Details

Alternative Name:	ICMT (ICMT Products)
Background:	<p>ICMT is the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined.</p> <p>Alias Symbols: HSTE14, MGC39955, MST098, MSTP098, PCCMT, PCMT, PPMT</p> <p>Protein Interaction Partner: ELAVL1, UBC, RAC2, RAC1, HRAS, RHOA,</p> <p>Protein Size: 284</p>
Molecular Weight:	32 kDa
Gene ID:	23463
NCBI Accession:	NM_012405 , NP_036537
UniProt:	O60725

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 284 AA
Restrictions:	For Research Use only

Handling

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

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.

Publications

Product cited in:	Zhang, Gong, Wang, Wang, Ran: "[Deoxycholate induces apoptosis in cultured normal human esophageal mucosal epithelial cells]." in: Di 1 jun yi da xue xue bao = Academic journal of the first medical college of PLA , Vol. 25, Issue 10, pp. 1240-3, (2005) (PubMed).
-------------------	---

Images



Western Blotting

Image 1. WB Suggested Anti-ICMT Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human heart