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Datasheet for ABIN2773889 anti-ICMT antibody (Middle Region)

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	

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Target Details	
Alternative Name:	ICMT (ICMT Products)
Background:	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.
	Alias Symbols: HSTE14, MGC39955, MST098, MSTP098, PCCMT, PCMT, PPMT
	Protein Interaction Partner: ELAVL1, UBC, RAC2, RAC1, HRAS, RHOA,
	Protein Size: 284
Molecular Weight:	32 kDa
Gene ID:	23463
NCBI Accession:	NM_012405, NP_036537
UniProt:	060725
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.

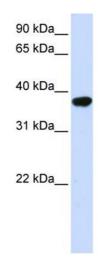
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Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Zhang, Gong, Wang, Wang, Ran: "[Deoxycholate induces 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