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ICMT Rabbit pAb

Catalog # AP97780

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O60725
Other Accession	O60725
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31938
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CMT/Icmt
Epitope Specificity	211-278/284
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the isoprenylcysteine O-methyltransferase family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Catalyzes the post-translational methylation of isoprenylated C-terminal cysteine residues. Tissue specificity: Ubiquitously expressed. Expressed at higher levels in the cerebellum and putamen than in other brain regions. Abundant expression seen in the Purkinje cells and pontine neurons.

Additional Information

Gene ID	23463
Other Names	HSTE14; MST098; MSTP098; PCCMT; PCMT; PPMT; 1700008E11Rik; Gm13095; STE14; fcmt; ICMT_HUMAN; ICMT; Isoprenylcysteine carboxylmethyltransferase; Prenylated protein carboxyl methyltransferase (PPMT); Prenylcysteine carboxyl methyltransferase (pcCMT); 2.1.1.100; ICMT_MOUSE; ICMT_RAT; Farnesyl cysteine carboxyl methyltransferase (FCMT); isoprenylcysteine carboxyl methyltransferase; protein-S-isoprenylcysteine O-methyltransferase
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ICMT
Synonyms	PCCMT
Function	Catalyzes the post-translational methylation of isoprenylated C-terminal cysteine residues.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Ubiquitously expressed. Expressed at higher levels in the cerebellum and putamen than in other brain regions. Abundant expression seen in the Purkinje cells and pontine neurons

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.