

Product datasheet for **TA364913**

PCMT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse brain tissue, Raji cell, 293T cell lysates IHC: 250-500 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PCMT1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	25 kDa
Gene Name:	protein-L-isoaspartate (D-aspartate) O-methyltransferase
Database Link:	Entrez Gene 5110 Human P22061



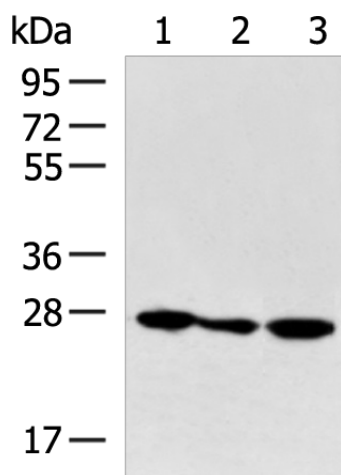
[View online »](#)

Background:

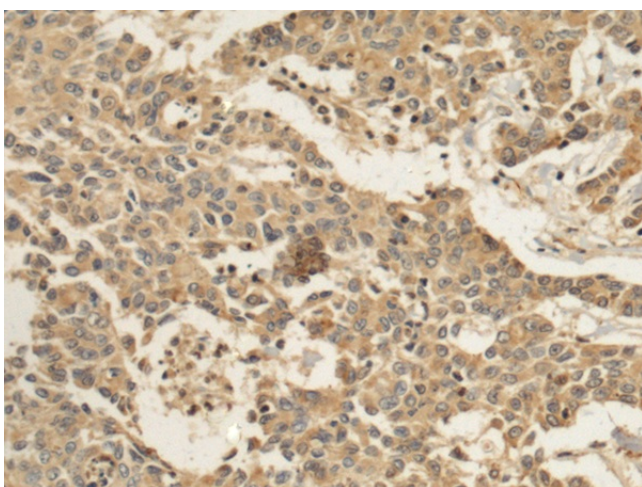
This gene encodes a member of the type II class of protein carboxyl methyltransferase enzymes. The encoded enzyme plays a role in protein repair by recognizing and converting D-aspartyl and L-isoaspartyl residues resulting from spontaneous deamidation back to the normal L-aspartyl form. The encoded protein may play a protective role in the pathogenesis of Alzheimer's disease, and single nucleotide polymorphisms in this gene have been associated with spina bifida and premature ovarian failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

Synonyms:

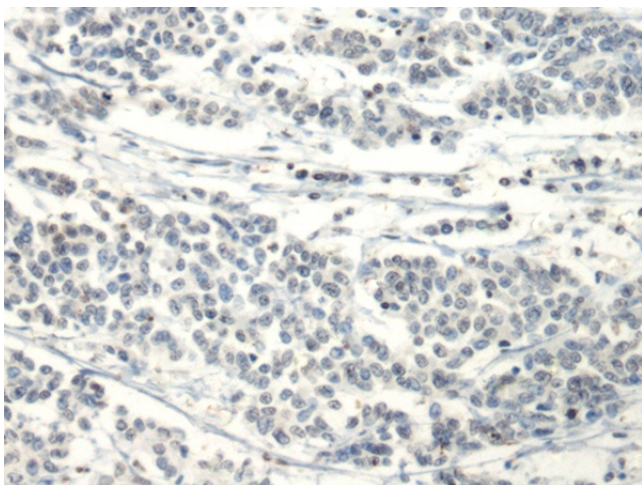
OTTHUMP00000017400; PIMT

Product images:


Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: Mouse brain tissue
 Raji cell
 293T cell lysates
 Primary antibody: TA364913 (PCMT1 Antibody) at dilution 1/1000
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA364913 (PCMT1 Antibody) at dilution 1/280 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA364913 (PCMT1 Antibody) at dilution 1/280, treated with fusion protein. (Original magnification: ×200)