

## Product datasheet for **TA380387**

### PRMT2 Rabbit Polyclonal Antibody

#### Product data:

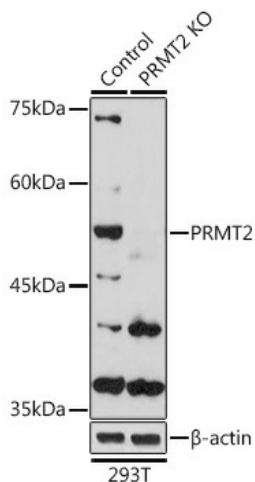
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PRMT2 (NP_996845.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25kDa/31kDa/32kDa/33kDa/37kDa/49kDa
Gene Name:	protein arginine methyltransferase 2
Database Link:	<a href="#">Entrez Gene 3275 Human P55345</a>
Background:	Arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. Acts as a coactivator (with NCOA2 of the androgen receptor (AR-mediated transactivation. Acts as a coactivator (with estrogen of estrogen receptor (ER-mediated transactivation. Enhances PGR, PPARG, RARA-mediated transactivation. May inhibit NF-kappa-B transcription and promote apoptosis. Represses E2F1 transcriptional activity (in a RB1-dependent manner. May be involved in growth regulation.



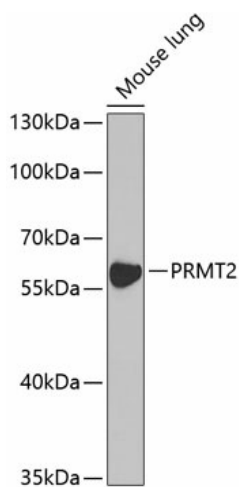
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Synonyms: HMT1; HRMT1L1; MGC111373; OTTHUMP00000115881

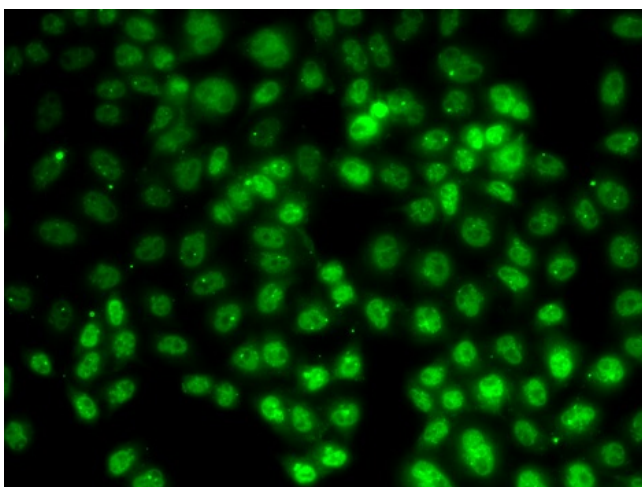
### Product images:



Western blot analysis of extracts from normal (control) and PRMT2 Rabbit pAb knockout (KO) 293T cells, using PRMT2 Rabbit pAb antibody (TA380387) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit . |Exposure time: 90s.



Western blot analysis of extracts of mouse lung, using PRMT2 antibody (TA380387) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Enhanced Kit . |Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using PRMT2 antibody (TA380387).