

## Product datasheet for **TA380389**

### PRMT5 Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | ICC/IF, WB   |
| Recommended Dilution:   | WB,1:500 - 1:2000<br>IF,1:50 - 1:200   |
| Reactivity:             | Human, Mouse, Rat  |
| Modifications:          | Unmodified   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | A synthetic peptide corresponding to a sequence within amino acids 500 to the C-terminus of human PRMT5 (NP_006100.2). |
| 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: | 53kDa/66kDa/67kDa/71kDa/72kDa  |
| Gene Name:              | protein arginine methyltransferase 5   |
| Database Link:          | <a href="#">Entrez Gene 10419 Human Q14744</a>   |

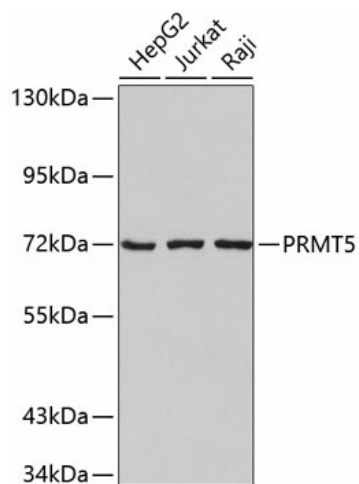
**Background:** This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms.



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Synonyms: HRMT1L5; IBP72; JBP1; SKB1; SKB1Hs

### Product images:



Western blot analysis of extracts of various cell lines, using PRMT5 antibody (TA380389). | 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.