

PRMT3 (aa468-421) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3780a**Specification**

PRMT3 (aa468-421) Antibody (internal region) - Product Information

Application	WB
Primary Accession	O60678
Other Accession	NP_005779.1 , NP_001138638.1 , NP_001138639.1 , 10196
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	59903

PRMT3 (aa468-421) Antibody (internal region) - Additional Information**Gene ID** 10196**Other Names**

Protein arginine N-methyltransferase 3, 2.1.1.-, Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3, PRMT3, HRMT1L3

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRMT3 (aa468-421) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PRMT3 (aa468-421) Antibody (internal region) - Protein Information**Name** PRMT3 ([HGNC:30163](#))**Function**

Protein-arginine N-methyltransferase that catalyzes both the monomethylation and asymmetric dimethylation of the guanidino nitrogens of arginine residues in target proteins, and therefore falls into the group of type I methyltransferases (Probable). May regulate retinoic acid synthesis and signaling by inhibiting ALDH1A1 retinal dehydrogenase activity (PubMed:33495566).

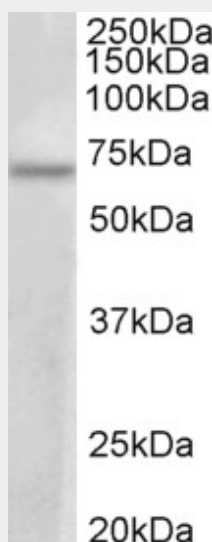
Cellular Location

Cytoplasm.

PRMT3 (aa468-421) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRMT3 (aa468-421) Antibody (internal region) - Images

AF3780a (1 µg/ml) staining of MCF7 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PRMT3 (aa468-421) Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms (NP_005779.1; NP_001138638.1; NP_001138639.1).

PRMT3 (aa468-421) Antibody (internal region) - References

Type I Arginine Methyltransferases PRMT1 and PRMT-3 Act Distributively. Kölbel K, Ihling C, Bellmann-Sickert K, Neundorff I, Beck-Sickinger AG, Sinz A, Kühn U, Wahle E. J Biol Chem. 2009 Mar 27;284(13):8274-82. PMID: 19158082