

## Product datasheet

info@arigobio.com

# ARG59572 anti-PRMT2 antibody

Package: 50 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes PRMT2

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IHC-P, WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name PRMT2
Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-300 of Human PRMT2 (NP\_996845.1).

Conjugation Un-conjugated

Alternate Names EC 2.1.1.125; Histone-arginine N-methyltransferase PRMT2; HRMT1L1; Protein arginine N-

methyltransferase 2; EC 2.1.1.-

### **Application Instructions**

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse lung	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol PRMT2

Gene Full Name protein arginine methyltransferase 2

Function 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. [UniProt]

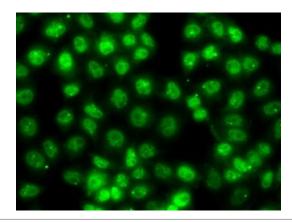
Calculated Mw 49 kDa

Cellular Localization Isoform 1: Cytoplasm. Nucleus. Note=Translocates from the cytoplasm to the nucleus, after hormone

exposure. Excluded from nucleolus. Isoform PRMT2Alpha: Nucleus. Note=Excluded from nucleolus. Isoform PRMT2Beta: Cytoplasm. Nucleus. Nucleus, nucleolus. Isoform PRMT2Gamma: Nucleus. Note=Excluded from nucleolus. Isoform PRMT2L2: Cytoplasm. Nucleus. Note=Predominantly

cytoplasmic. [UniProt]

#### **Images**



#### ARG59572 anti-PRMT2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG59572 anti-PRMT2 antibody.