

ARG59652 anti-PRMT2 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRMT2
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog, Gpig, Hrs, Pig, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRMT2
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human PRMT2. (within the following region: ESQGEEPAECSEAGLLQEGVQPEEFVAIADYAATDETQLSFLRGEKILIL)
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

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%				
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:1000</td></tr> </table>	Application	Dilution	WB	1:1000
Application	Dilution				
WB	1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
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 or below. 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.

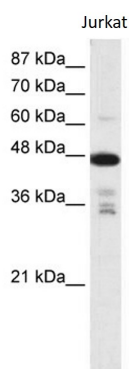
Note

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

Bioinformation

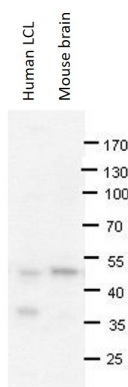
Gene Symbol	PRMT2
Gene Full Name	protein arginine methyltransferase 2
Function	Arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. Acts as a coactivator (with NCOA2) of the androgen receptor (AR)-mediated transactivation. 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



ARG59652 anti-PRMT2 antibody WB image

Western blot: Jurkat cell lysate stained with ARG59652 anti-PRMT2 antibody at 0.625 µg/ml dilution.



ARG59652 anti-PRMT2 antibody WB image

Western blot: Human LCL and Mouse brain lysates stained with ARG59652 anti-PRMT2 antibody at 1:1000 dilution.