

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:2000,
IHC:1:20-1:200

Protein 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.

Gene ID:

PRMT2

Uniprot

P55345

Synonyms:

Protein arginine N-methyltransferase 2 (EC 2.1.1.319) (Histone-arginine N-methyltransferase PRMT2), PRMT2, HMT1 HRMT1L1

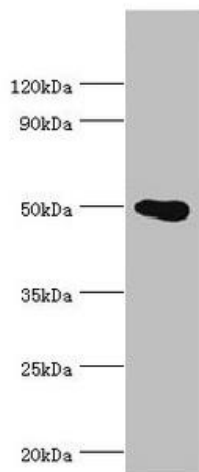
Immunogen:

Recombinant Human Protein arginine N-methyltransferase 2 protein (1-300AA).

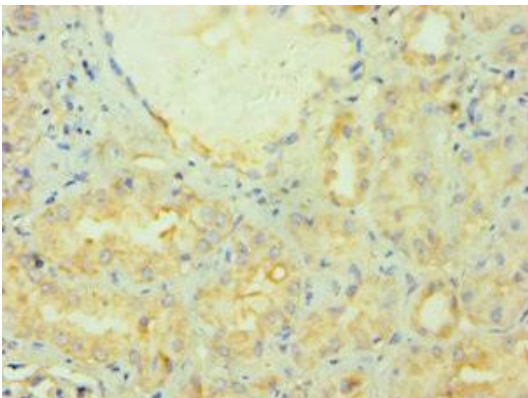
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

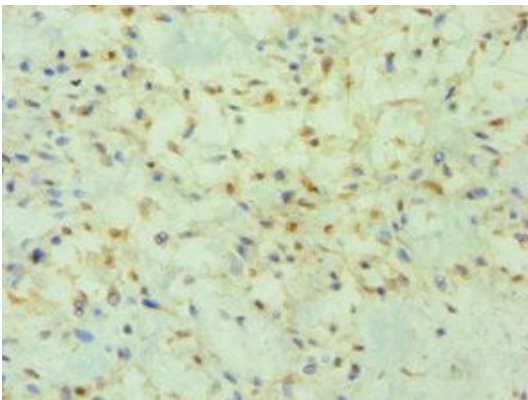
Product Images



Western blot. All lanes: PRMT2 antibody at 4 μ g/ml + HL60 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 50, 32, 38, 33, 34, 26, 32 kDa. Observed band size: 50 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO43472 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human breast cancer using PACO43472 at dilution of 1:100.