PRMT5 Polyclonal Antibody

Catalog No. E-AB-12625

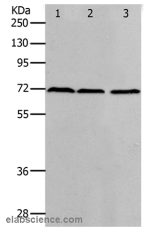
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human PRMT5
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:200-1:1000

Data



Western Blot analysis of K562, hela and 293T cell
using PRMT5 Polyclonal Antibody at dilution of 1:400
Calculated Mw:71kDa

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Protein arginine methyltransferase 5 has been shown to interact with WD repeat-containing protein 77, CLNS1A, Janus kinase 2, SNRPD3 and SUPT5H.Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA), with a preference for the formation of MMA. Specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 (SNRPD1) and Sm D3 (SNRPD3); such methylation being required for the assembly and biogenesis of snRNP core particles. Methylates SUPT5H. Mono- and dimethylates arginine residues of myelin basic protein (MBP) in vitro. Plays a role in the assembly of snRNP core particles. May play a role in cytokine-activated transduction pathways. Negatively regulates cyclin E1 promoter activity and cellular proliferation.

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