

PRMT5 Polyclonal Antibody

Catalog NumberPA5-11122

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 591-621 amino acids from the C-terminal region of human PRMT5	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine, mouse and non-human primate based on sequence homology.

Background/Target Information

PRMT5 (protein arginine N-methyltransferase 5) is an 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. PRMT5 specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 and Sm D3; such methylation is required for the assembly and biogenesis of snRNP core particles.

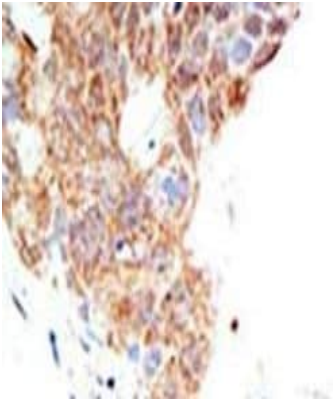
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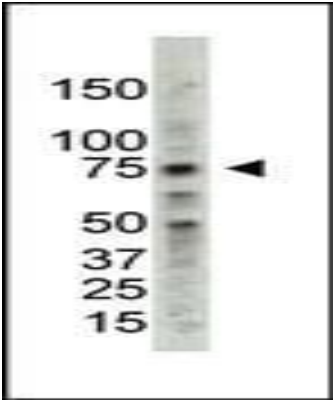
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Product Images For PRMT5 Polyclonal Antibody



PRMT5 Antibody (PA5-11122) in IHC

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cancer tissue using a PRMT5 polyclonal antibody (Product # PA5-11122), followed by HRP-conjugated secondary antibody and DAB staining.



PRMT5 Antibody (PA5-11122) in WB

Western blot analysis of PRMT5 using a PRMT5 polyclonal antibody (Product # PA5-11122) in HL-60 cell lysate.

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