

For Research Use Only

PA1 Polyclonal antibody

Catalog Number: 20354-1-AP



Basic Information

Catalog Number: 20354-1-AP	GenBank Accession Number: BC003640	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 79447	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9BTK6	
Isotype: IgG	Full Name: chromosome 16 open reading frame 53	
Immunogen Catalog Number: AG14198	Calculated MW: 254 aa, 28 kDa	
	Observed MW: 40-42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells,
Species Specificity: human	

Background Information

PAGR1 (PAXIP1 Associated Glutamate Rich Protein 1), also known as PA1 or C16orf53, the PA1 protein forms a complex with the histone H3K4 methyltransferases MLL3 and MLL4 and interacts with PAXIP1 (PAX Interacting Protein 1). PA1 is associated with the DNA damage response, is involved in early embryonic development, and may play a key role in male reproduction. PA1 has estrogen receptor binding activity and is involved in the endogenous positive regulation of the intracellular estrogen receptor signaling pathway.

Storage

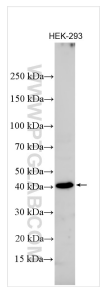
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

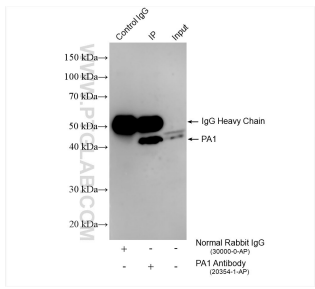
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20354-1-AP (PA1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-PA1 (IP:20354-1-AP, 4ug;
Detection:20354-1-AP 1:400) with HEK-293 cells
lysate 1720 ug.