

For Research Use Only

# PA1 Polyclonal antibody

Catalog Number:20354-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells,
<b>Species Specificity:</b> 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 pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

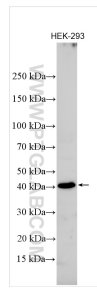
For technical support and original validation data for this product please contact:

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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.