

For Research Use Only

PA1 Polyclonal antibody, PBS Only

Catalog Number:20354-1-PBS



Basic Information

Catalog Number:

20354-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14198

GenBank Accession Number:

BC003640

GeneID (NCBI):

79447

UNIPROT ID:

Q9BTK6

Full Name:

chromosome 16 open reading frame

53

Calculated MW:

254 aa, 28 kDa

Observed MW:

40-42 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

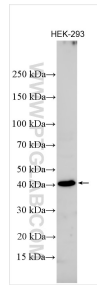
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

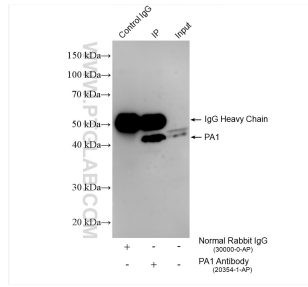
W: ptglab.com

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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. This data was developed using the same antibody clone with 20354-1-PBS in a different storage buffer formulation.



IP result of anti-PA1 (IP:20354-1-AP, 4ug; Detection:20354-1-AP 1:400) with HEK-293 cells lysate 1720 ug. This data was developed using the same antibody clone with 20354-1-PBS in a different storage buffer formulation.