

For Research Use Only

AKAP8 Polyclonal antibody

Catalog Number: 31542-1-AP



Basic Information

Catalog Number: 31542-1-AP	GenBank Accession Number: NM_005858.3	Purification Method: Antigen affinity Purification
Size: 400 µg/ml	GeneID (NCBI): 10270	Recommended Dilutions: WB 1:5000-1:50000
Source: Rabbit	UNIPROT ID: O43823	
Isotype: IgG	Full Name: A kinase (PRKA) anchor protein 8	
Immunogen Catalog Number: AG35816	Calculated MW: 76kDa, 692aa	
	Observed MW: 95 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : A549 cells, HL-60 cells, HeLa cells, HepG2 cells

Background Information

AKAP8 (A-kinase anchor protein 8), also called AKAP95, is a A-kinase anchor protein that directs activity of protein kinase A by tethering the enzyme near its physiologic substrates (PMID: 9473338; 10601332). It is associated with chromatin and nuclear matrix which has a remarkable activity in promoting chromatin transcription (PMID: 31980632), and it is also required for cell cycle G2/M transition and histone deacetylation during mitosis (PMID: 16980585).

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

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

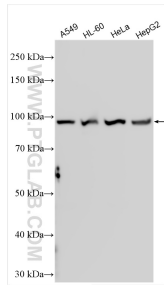
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31542-1-AP (AKAP8 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.