

For Research Use Only

GPAA1 Recombinant antibody

Catalog Number: 84632-1-RR



Basic Information

Catalog Number: 84632-1-RR	GenBank Accession Number: BC004129	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8733	CloneNo.: 241591C4
Source: Rabbit	UNIPROT ID: O43292	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)	
Immunogen Catalog Number: AG0152	Calculated MW: 68 kDa	
	Observed MW: 60-68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MKN-45 cells, HeLa cells, HepG2 cells, HuH-7 cells
Species Specificity: human	

Background Information

GPAA1(Glycosylphosphatidylinositol anchor attachment 1 protein) is also named as GAA1. It is the most conspicuously hydrophobic of the known subunits of GPIT, and it may play a key role in substrate recognition. It is predicted to be a multispreading membrane protein of 67 kDa with seven transmembrane (TM) domains, a large luminal domain between the first two TM segments, and a cytoplasmically oriented N terminus bearing a potential ER retrieval signal in the form of a diarginine motif(PMID:12052837).

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

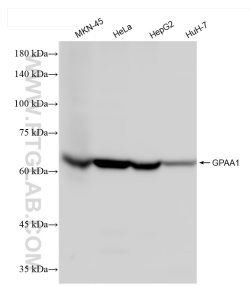
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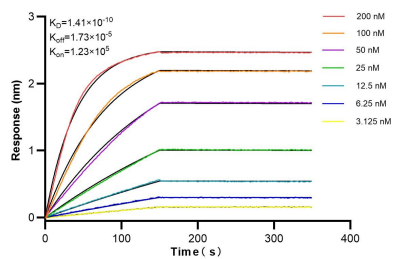
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84632-1-RR (GPAA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84632-1-RR against Human GPAA1 were performed. The affinity constant is 0.141 nM.