

For Research Use Only

GBA2 Polyclonal antibody, PBS Only

Catalog Number: 17164-1-PBS



Basic Information

Catalog Number: 17164-1-PBS	GenBank Accession Number: BC011363	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57704	
Source: Rabbit	UNIPROT ID: Q9HCG7	
Isotype: IgG	Full Name: glucosidase, beta (bile acid) 2	
Immunogen Catalog Number: AG10606	Calculated MW: 927 aa, 105 kDa	
	Observed MW: 105 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

GBA2(Non-lysosomal glucosylceramidase) is also named as KIAA1605,NLGase and belongs to the non-lysosomal glucosylceramidase family.It catalyzes the conversion of glucosylceramide to free glucose and ceramide and is involved in sphingomyelin generation and prevention of glycolipid accumulation.GBA2 contains a putative membrane-spanning domain and 2 potential N-glycosylation sites. However, glycosidase treatment indicated that GBA2 is not a glycoprotein(PMID:11489889).It has 3 isoforms produced by alternative splicing.

Storage

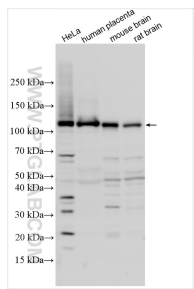
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

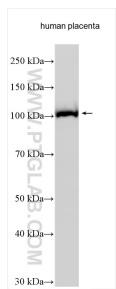
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17164-1-AP (GBA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17164-1-PBS in a different storage buffer formulation.



Human placenta tissue were subjected to SDS PAGE followed by western blot with 17164-1-AP (GBA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17164-1-PBS in a different storage buffer formulation.