

For Research Use Only

GBA2 Polyclonal antibody, PBS Only

Catalog Number: 17164-1-PBS



Basic Information

Catalog Number:

17164-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10606

GenBank Accession Number:

BC011363

GeneID (NCBI):

57704

UNIPROT ID:

Q9HCG7

Full Name:

glucosidase, beta (bile acid) 2

Calculated MW:

927 aa, 105 kDa

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

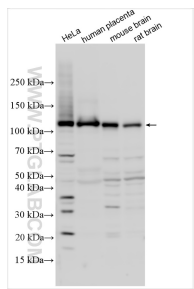
T: 4006900926

E: Proteintech-CN@ptglab.com

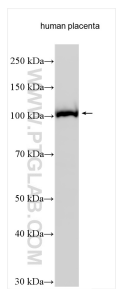
W: ptgcn.com

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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.