

For Research Use Only

GBA3 Polyclonal antibody

Catalog Number: 16980-1-AP



Basic Information

Catalog Number:

16980-1-AP

Size:

150ul , Concentration: 120 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9936

GenBank Accession Number:

BC029362

GeneID (NCBI):

57733

UNIPROT ID:

Q9H227

Full Name:

glucosidase, beta, acid 3 (cytosolic)

Calculated MW:

18 kDa, 54 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

GBA3(cytosolic beta-glucosidase) is also named as CBG, CBGL1 and belongs to the glycosyl hydrolase 1 family and Klotho subfamily. It catalyses the hydrolysis of O-linked β -glycosidic bonds at the non-reducing end of carbohydrates with retention of anomeric configuration. It is a 53-kDa monomeric protein with a pI of 4.7-4.8, present in the liver, kidney, intestine and spleen of humans(PMID:12667141). It has 2 isoforms produced by alternative splicing.

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

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

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