

Rabbit GBA Polyclonal Antibody | anti-GBA antibody

GBA Polyclonal Antibody

CATALOG # AAA280274	HOST Rabbit	APPLICATIONS Western Blot
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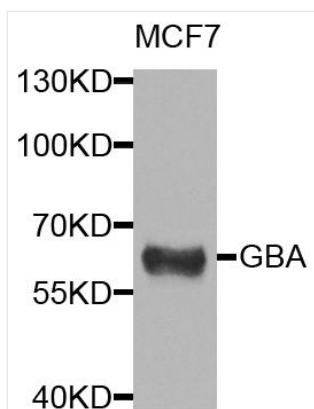
PRODUCT SYNONYMS

GBA; Polyclonal Antibody; GBA Polyclonal Antibody; GBA;GBA1;GCB;GLUC; anti-GBA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	487
Applicable Applications for anti-GBA antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 40-250 of human Glucosylceramidase beta (Glucosylceramidase beta (GBA)) (NP_000148.2).
Cross Reactivity	Human
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of MCF-7 cells, using GBA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-GBA antibody	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607043
NCBI GeneID	2629
NCBI Accession #	NP_000148.2
NCBI GenBank Nucleotide #	NM_000157.3
UniProt Accession #	P04062; Q16545; Q4VX22; Q6I9R6; Q9UMJ8; A8K796; B7Z5G2; B7Z6S1; J3KQG4; J3KQK9
Molecular Weight	Observed MW: 60kDa Calculated MW: 29kDa/50kDa/54kDa/57kDa/59kDa
NCBI Official Full Name	glucosylceramidase isoform 1
NCBI Official Synonym Full Names	glucosidase, beta, acid
NCBI Official Symbol	GBA
NCBI Official Synonym Symbols	GCB; GBA1; GLUC
NCBI Protein Information	glucosylceramidase
UniProt Protein Name	Glucosylceramidase
UniProt Gene Name	GBA
UniProt Synonym Gene Names	GC; GLUC; Beta-GC
UniProt Entry Name	GLCM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.