

Rabbit anti-Human, Mouse GBA Polyclonal Antibody | anti-GBA antibody

GBA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176003	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

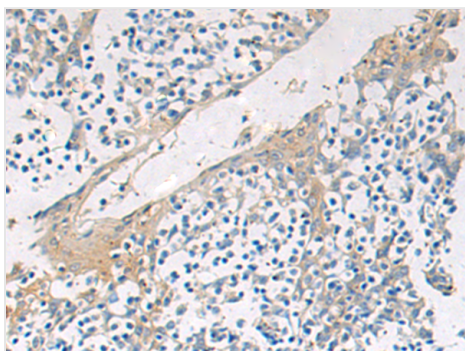
PRODUCT SYNONYMS

GBA; Polyclonal Antibody; GBA Polyclonal Antibody; Acid beta glucosidase; Acid beta-glucosidase; Alglucerase; Beta glucocerebrosidase; BETA GLUCOSIDASE; ACID; Beta-glucocerebrosidase; BetaGC; D glucosyl N acylsphingosine glucosylhydrolase; D-glucosyl-N-acylsphingosine glucosylhydrolase; EC 3.2.1.45; Gba protein; GBA1; GC; GCase; GCB; GLCM; GLUC; Glucocerebrosidase (alt.); Glucocerebrosidase; GLUCOCEREBROSIDASE PSEUDOGENE; Glucosidase beta; Glucosidase; beta; acid; acid (includes glucosylceramidase); Glucosylceramidase; Imiglucerase; Lysosomal glucocerebrosidase; OTTHUMP0000033992; OTTHUMP0000033993; anti-GBA antibody

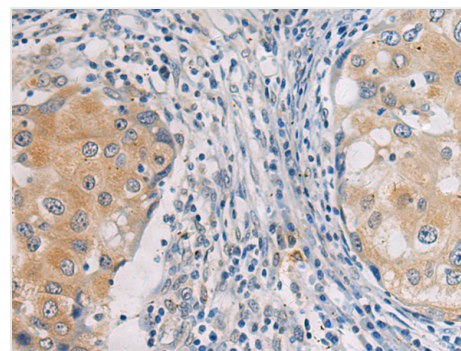
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.56mg/mL (varies by lot)
Sequence Length	536
Applicable Applications for anti-GBA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human GBA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

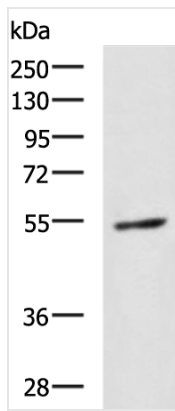
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using GBA Polyclonal Antibody at dilution of 1:55(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using GBA Polyclonal Antibody at dilution of 1:55(×200)



WB (Western Blot)
Western blot analysis of 231 cell lysate using GBA Polyclonal Antibody at dilution of 1:1350

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.
Product Categories/Family for anti-GBA antibody	Cancer; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607043
NCBI GeneID	2629
NCBI Accession #	NP_000148.2
NCBI GenBank Nucleotide #	NP_000148.2
UniProt Accession #	P04062
Molecular Weight	60 kDa
NCBI Official Full Name	lysosomal acid glucosylceramidase isoform 1
NCBI Official Synonym Full Names	glucosylceramidase beta
NCBI Official Symbol	GBA
NCBI Official Synonym Symbols	GCB; GBA1; GLUC
NCBI Protein Information	lysosomal acid 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.