

Rabbit anti-Human, Mouse GBA3 Polyclonal Antibody | anti-GBA3 antibody

GBA3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280533	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

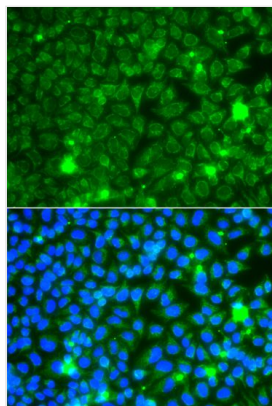
PRODUCT SYNONYMS

GBA3; Polyclonal Antibody; GBA3 Polyclonal Antibody; anti-GBA3 antibody

PRODUCT SPECIFICATIONS

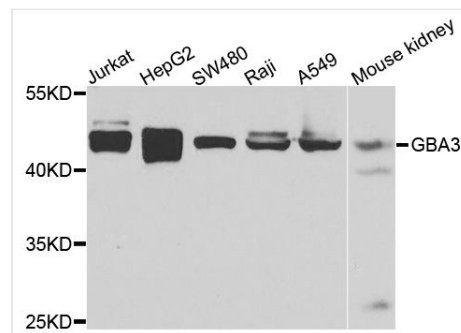
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	162
Applicable Applications for anti-GBA3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GBA3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using GBA3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GBA3 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: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-GBA3 antibody	The protein encoded by this gene is an enzyme that can hydrolyze several types of glycosides. This gene is a polymorphic pseudogene, with the most common allele being the functional allele that encodes the full-length protein. Some individuals, as represented by the reference genome allele, contain a single nucleotide polymorphism that results in a premature stop codon in the coding region, and therefore this allele is pseudogenic due to the failure to produce a functional full-length protein. Alternative splicing of this gene results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190360571
NCBI GeneID	57733
NCBI Accession #	NP_001121904.1
NCBI GenBank Nucleotide #	NM_001128432.2
UniProt Accession #	Q9H227; Q32LY7; Q3MIH4; Q53GG8; Q6NSF4; Q8NHT8; Q9H3T4; Q9H4C6
Molecular Weight	54kDa
NCBI Official Full Name	cytosolic beta-glucosidase isoform b
NCBI Official Synonym Full Names	glucosidase, beta, acid 3 (gene/pseudogene)
NCBI Official Symbol	GBA3
NCBI Official Synonym Symbols	CBG; GLUC; KLRP; CBGL1
NCBI Protein Information	cytosolic beta-glucosidase
UniProt Protein Name	Cytosolic beta-glucosidase
UniProt Gene Name	GBA3
UniProt Synonym Gene Names	CBG; CBGL1
UniProt Entry Name	GBA3_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.