

Rabbit GLB1 Polyclonal Antibody | anti-GLB1 antibody

GLB1 Polyclonal Antibody

CATALOG # AAA281140	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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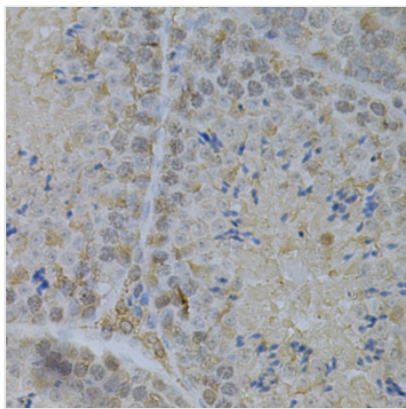
PRODUCT SYNONYMS

GLB1; Polyclonal Antibody; GLB1 Polyclonal Antibody; EBP; ELNR1; MPS4B; anti-GLB1 antibody

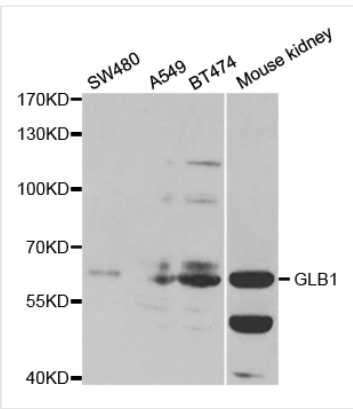
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MFEIDYSRDS FLKDGQPFYR ISGSIHYSRV PRFYWKDRLL KMKMAGLNAI QTYVPWNFHE PWPGQYQFSE DHDVEYFLRL AHELGLLVIL RPPGYICAEW EMGGLPAWLL EKESILLRSS DPDYLAAVDK WLGVLPPKMK PLLYQNGGPV ITVQVENEYG SYFACDFDYL RFLQKRFRHH LGDDVVLFTT DGAHKTELKC GALQGLYTTV DFGTGSNITD AFLSQRKCEP KGPLINSEFY TGWLDHWGQP HSTIK
Sequence Length	677
Applicable Applications for anti-GLB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GLB1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Lysosome, perinuclear region
Positive Samples	SW480, A-549, BT-474, mouse kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat testis using GLB1 Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using GLB1 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.

ADDITIONAL INFORMATION

Related Product Information for anti-GLB1 antibody	This gene encodes a member of the glycosyl hydrolase 35 family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature lysosomal enzyme. This enzyme catalyzes the hydrolysis of a terminal beta-linked galactose residue from ganglioside substrates and other glycoconjugates. Mutations in this gene may result in GM1-gangliosidosis and Morquio B syndrome.
Product Categories/Family for anti-GLB1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372308
NCBI GeneID	2720
NCBI Accession #	NP_000395.2
NCBI GenBank Nucleotide #	NM_000404.3
UniProt Accession #	P16278; P16279; B2R7H8; B7Z6B0
Molecular Weight	Calculated: 60kDa; 72kDa; 76kDa Observed: 62kDa
NCBI Official Full Name	beta-galactosidase isoform a preproprotein
NCBI Official Synonym Full Names	galactosidase beta 1
NCBI Official Symbol	GLB1
NCBI Official Synonym Symbols	EBP; ELNR1; MPS4B
NCBI Protein Information	beta-galactosidase
UniProt Protein Name	Beta-galactosidase
UniProt Gene Name	GLB1
UniProt Synonym Gene Names	ELNR1; Lactase

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.

