

Rabbit anti-Human, Mouse GBE1 Polyclonal Antibody | anti-GBE1 antibody

GBE1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231242	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

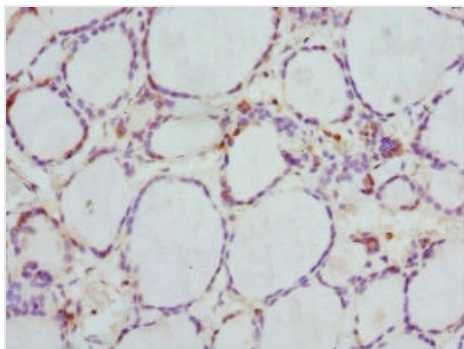
PRODUCT SYNONYMS

GBE1; Polyclonal Antibody; GBE1 Antibody; 1; 4-alpha-glucan-branching enzyme; Brancher enzyme; Glycogen-branching enzyme; anti-GBE1 antibody

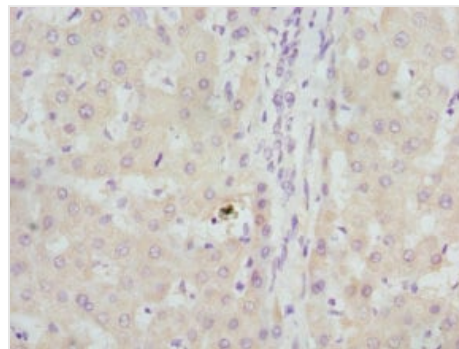
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	702
Applicable Applications for anti-GBE1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human 1,4-alpha-glucan-branching enzyme protein (N-300AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-99900 / sc-99901
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

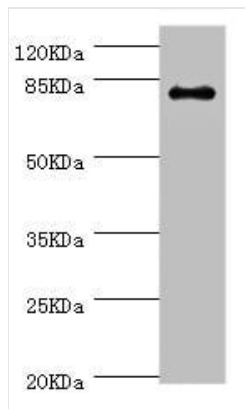
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA231242 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using AAA231242 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GBE1 antibody at 3.13ug/ml+mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionpredicted band size 80kDaObserved band size: 80kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GBE1 antibody	Required for sufficient glycogen accumulation. The alpha 1-6 branches of glycogen play an important role in increasing the solubility of the molecule and, consequently, in reducing the osmotic pressure within cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189458812
NCBI GeneID	2632
NCBI Accession #	NP_000149.3
NCBI GenBank Nucleotide #	NM_000158.3
UniProt Accession #	Q04446 ; Q96EN0 ; B3KVV3
Molecular Weight	80,474 Da
NCBI Official Full Name	1,4-alpha-glucan-branching enzyme
NCBI Official Synonym Full Names	1,4-alpha-glucan branching enzyme 1
NCBI Official Symbol	GBE1
NCBI Official Synonym Symbols	GBE; APBD; GSD4
NCBI Protein Information	1,4-alpha-glucan-branching enzyme
UniProt Protein Name	1,4-alpha-glucan-branching enzyme
UniProt Gene Name	GBE1
UniProt Entry Name	GLGB_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.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/gbe1-antibody-immunohistochemistry-western-blot-elisa/231242>