

Rabbit Alpha-glucosidase 2 Polyclonal Antibody | anti-G2AN antibody

Anti-Alpha-glucosidase 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264385	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

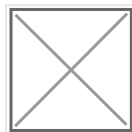
PRODUCT SYNONYMS

Alpha-glucosidase 2; Polyclonal Antibody; Anti-Alpha-glucosidase 2 Antibody; KIAA0088; Neutral alpha-glucosidase AB; Glucosidase II subunit alpha; anti-G2AN antibody

PRODUCT SPECIFICATIONS

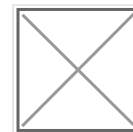
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Alpha-glucosidase 2 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-G2AN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Alpha-glucosidase 2. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



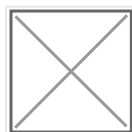
IF (Immunofluorescence)

Immunofluorescent analysis of Alpha-glucosidase 2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-glucosidase 2 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Alpha-glucosidase 2 expression in Raji (A), HepG2 (B), mouse liver (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-G2AN antibody	Rabbit polyclonal antibody to Alpha-glucosidase 2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38202257
NCBI GeneID	23193
NCBI Accession #	NP_938148
NCBI GenBank Nucleotide #	NM_198334
UniProt Accession #	Q14697; Q8BHN3
NCBI Official Full Name	neutral alpha-glucosidase AB isoform 2
NCBI Official Synonym Full Names	glucosidase, alpha; neutral AB
NCBI Official Symbol	GANAB
NCBI Official Synonym Symbols	G2AN; GLUII
NCBI Protein Information	neutral alpha-glucosidase AB; HEL-S-164nA; alpha glucosidase II alpha subunit; alpha-glucosidase 2; epididymis secretory sperm binding protein Li 164nA; glucosidase II subunit alpha
UniProt Protein Name	Neutral alpha-glucosidase AB
UniProt Gene Name	GANAB
UniProt Synonym Gene Names	G2AN; KIAA0088
UniProt Entry Name	GANAB_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://stage.aaabiotech.com/polyclonal/alpha-glucosidase-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/264385>