

Rabbit alpha Glucosidase II Polyclonal Antibody | anti-ROT2 antibody

alpha Glucosidase II antibody

CATALOG # AAA107903	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

alpha Glucosidase II; Polyclonal Antibody; alpha Glucosidase II antibody; Polyclonal alpha Glucosidase II; Anti-alpha Glucosidase II; glucosidase II subunit alpha; KIAA0088; G2AN; alpha glucosidase II alpha subunit; alpha-glucosidase 2; GANAB; GLUII; neutral alpha-glucosidase AB; anti-ROT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	alpha Glucosidase II antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	960
Applicable Applications for anti-ROT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	alpha-glucosidase 2 is a glucosidase that acts upon 1,4-alpha bonds. This is in contrast to beta-glucosidase. alpha-glucosidase breaks down starch and disaccharides to glucose. Maltase, a similar enzyme that cleaves maltose, is nearly functionally equivalent.
Cross-Reactivity	Human, Mouse
Immunogen	alpha Glucosidase II antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 47 and 251 of alpha Glucosidase II
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SW480 xenograft using alpha Glucosidase II antibody at a dilution of 1:500



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using alpha Glucosidase II antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

**WB (Western Blot)**

Western blot analysis of 30 ug of whole cell lysate (A:NIH-3T3) using a 7.5 % SDS PAGE gel and alpha Glucosidase II antibody at a dilution of 1:1000

**WB (Western Blot)**

Western blot analysis of 30 ug whole cell lysate (A: 293T; B: A431; C: H1299; D: HeLa S3; E: Hep G2; F: MOLT4; G: Raji) using a 7.5 % SDS PAGE gel and alpha Glucosidase II antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ROT2 antibody	Affinity purified Rabbit polyclonal alpha Glucosidase II antibody
Product Categories/Family for anti-ROT2 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	381352384
Molecular Weight	109 kDa
NCBI Official Full Name	alpha glucosidase II
UniProt Protein Name	Alpha glucosidase II
UniProt Gene Name	ROT2
UniProt Entry Name	H9TU28_SPOSC

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-ii-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107903>