

Rabbit anti-Human GLA/alpha-Galactosidase A Polyclonal Antibody | anti-GLA antibody

Anti-GLA/alpha-Galactosidase A Antibody, Rabbit Polyclonal

CATALOG # AAA255514	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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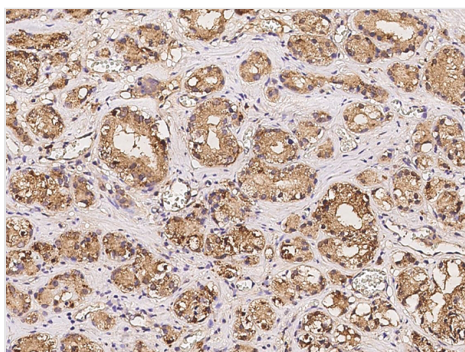
PRODUCT SYNONYMS

GLA/alpha-Galactosidase A; Polyclonal Antibody; Anti-GLA/alpha-Galactosidase A Antibody; Rabbit Polyclonal; GLA/alpha-Galactosidase A Antibody; Rabbit PAb; Antigen Affinity Purified; galactosidase; alpha; Anti-GALA Antibody; anti-GLA antibody

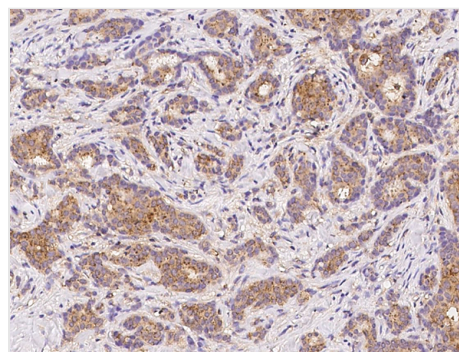
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GLA/alpha-Galactosidase A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GLA antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human GLA/alpha-Galactosidase A Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human GLA/alpha-Galactosidase A (rh GLA/alpha-Galactosidase A). GLA/alpha-Galactosidase A specific IgG was purified by Human GLA/alpha-Galactosidase A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

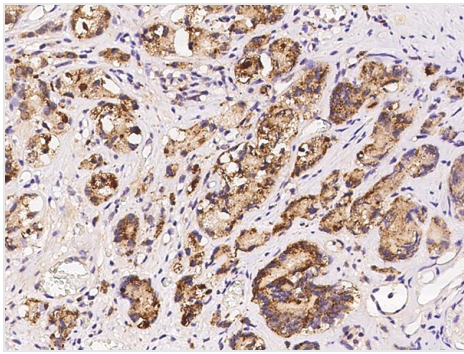
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human GLA in human prostatic carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

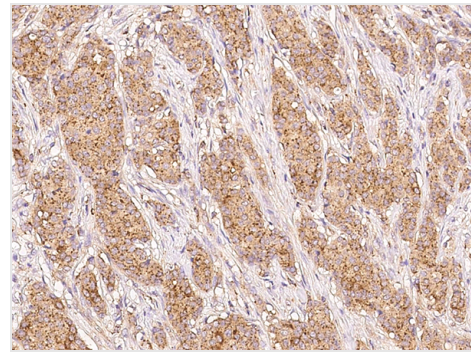

IHC (Immunohistochemistry)

Immunochemical staining of human GLA in human breast carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human GLA in human prostatic carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human GLA in human breast carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-GLA antibody

Alpha-galactosidase A, also known as Alpha-D-galactoside galactohydrolase, Alpha-D-galactosidase A, Melibiase and GLA, is a member of the glycosyl hydrolase 27 family. GLA is used as a long-term enzyme replacement therapy in patients with a confirmed identification of Fabry disease. Defects in GLA are the cause of Fabry disease (FD) which is a rare X-linked sphingolipidosis disease where glycolipid accumulates in many tissues. The disease consists of an inborn error of glycosphingolipid catabolism. FD patients show systemic accumulation of globotriaoslyceramide (Gb3) and related glycosphingolipids in the plasma and cellular lysosomes throughout the body. Clinical recognition in males results from characteristic skin lesions (angiokeratomas) over the lower trunk. Patients may show ocular deposits, febrile episodes, and burning pain in the extremities. Death results from renal failure, cardiac or cerebral complications of hypertension or other vascular disease. Deficiency of GLA leads to the accumulation of glycosphingolipids in the vasculature leading to multiorgan pathology. In addition to well-described microvascular disease, deficiency of GLA is also characterized by premature macrovascular events such as stroke and possibly myocardial infarction.

References

Koide T. et al., 1990, FEBS Lett. 259:353-356. Yang C.-C. et al., 2003, Clin. Genet. 63:205-209. Verovnik F. et al., 2004, Eur. J. Hum. Genet. 12:678-681. Nance C.S. et al., 2006, Arch. Neurol. 63:453-457.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504009
NCBI GeneID	2717
NCBI Accession #	NP_000160.1
NCBI GenBank Nucleotide #	NM_000169.2
UniProt Accession #	P06280 ; Q6LER7
Molecular Weight	48,767 Da
NCBI Official Full Name	alpha-galactosidase A
NCBI Official Synonym Full Names	galactosidase, alpha
NCBI Official Symbol	GLA
NCBI Official Synonym Symbols	GALA
NCBI Protein Information	alpha-galactosidase A; melibiase; alpha-gal A; agalsidase alfa; alpha-D-galactosidase A; alpha-D-galactoside galactohydrolase 1
UniProt Protein Name	Alpha-galactosidase A
UniProt Gene Name	GLA
UniProt Entry Name	AGAL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gla-alpha-galactosidase-a-antibody-immunohistochemistry-elisa/255514>