10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Galactosidase alpha Antibody

Rabbit mAb
Catalog # AP92333

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P06280
Reactivity	Human
Clonality	Monoclonal
Other Names	Alpha gal A; GALA; Galactosidase, alpha; GLA; Melibiase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	48767

Additional Information

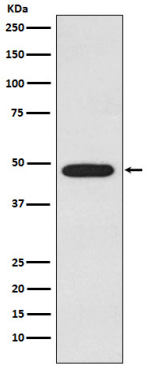
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:80
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Galactosidase alpha
Description	Defects in GLA are the cause of Fabry disease (FD) [MIM:301500]. FD is a rare X-linked sphingolipidosis disease where glycolipid accumulates in many tissues. The disease consists of an inborn error of glycosphingolipid catabolism.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GLA (HGNC:4296)
Function	Catalyzes the hydrolysis of glycosphingolipids and participates in their degradation in the lysosome.
Cellular Location	Lysosome.

Images

Western blot analysis of Galactosidase alpha expression in MCF-7 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.