ARG58844
anti-Galactosidase alpha antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Galactosidase alpha
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Galactosidase alpha
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 150-429 of Human Galactosidase alpha (NP_000160.1).
Conjugation	Un-conjugated
Alternate Names	Alpha-galactosidase A; Melibiase; Alpha-D-galactosidase A; Alpha-D-galactoside galactohydrolase; EC 3.2.1.22; Agalsidase; GALA

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:100
WB	1:500 - 1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 49 kDa

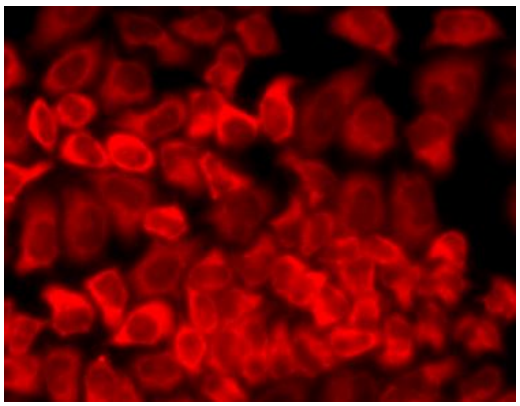
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GLA
Gene Full Name	galactosidase, alpha
Background	This gene encodes a homodimeric glycoprotein that hydrolyses the terminal alpha-galactosyl moieties from glycolipids and glycoproteins. This enzyme predominantly hydrolyzes ceramide trihexoside, and it can catalyze the hydrolysis of melibiose into galactose and glucose. A variety of mutations in this gene affect the synthesis, processing, and stability of this enzyme, which causes Fabry disease, a rare lysosomal storage disorder that results from a failure to catabolize alpha-D-galactosyl glycolipid moieties. [provided by RefSeq, Jul 2008]
Calculated Mw	49 kDa
Cellular Localization	Lysosome. [UniProt]

Images



ARG58844 anti-Galactosidase alpha antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG58844 anti-Galactosidase alpha antibody.