

A13987

Leader in Biomolecular Solutions for Life Science



Galactosidase alpha (GLA) Rabbit pAb

Catalog No.: A13987

Basic Information

Observed MW

49kDa

Calculated MW

49kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2717

Swiss Prot

P06280

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 150-429 of human Galactosidase alpha (Galactosidase alpha (GLA)) (NP_000160.1).

Synonyms

GALA; Galactosidase alpha (GLA)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

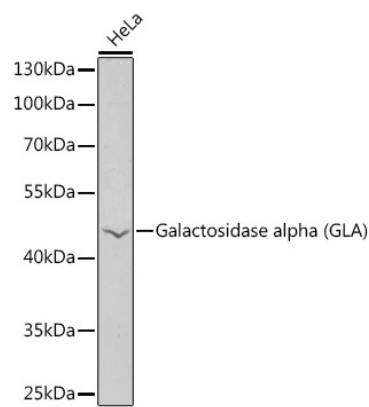
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HeLa cells, using Galactosidase alpha (Galactosidase alpha (GLA)) antibody (A13987) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.