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Galactosidase alpha (GLA) Rabbit pAb

Catalog No.: A13987

Basic Information

Observed MW
49kDa

Calculated MW
49kDa

Category
Primary antibody

Applications
ELISA,WB

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

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Product Information

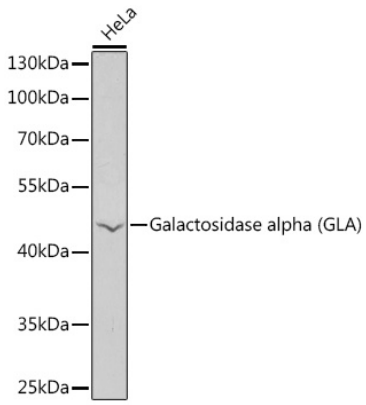
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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.