GLα/Galactosidase Alpha Polyclonal Antibody

catalog number: AN006790L

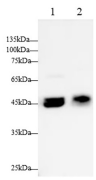
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human GLα/Galactosidase Alpha protein expressed by Mammalian
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:1000-1:2000

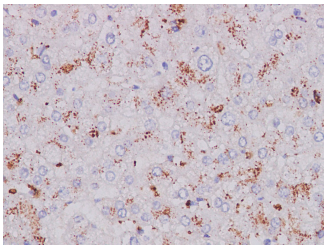
Data



Western blot with Anti GLα/Galactosidase Alpha Polyclonal antibody at dilution of 1:1000. Lane 1: MCF-7 cell lysate, Lane 2: 293T cell lysate.

Observed-MW:49 kDa

Calculated-MW:49 kDa



Immunohistochemistry of paraffin-embedded Human liver using GLα/Galactosidase Alpha Polyclonal Antibody at dilution of 1:1500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

alpha -Galactosidase A is a homodimeric glycoprotein that can release terminal alpha -galactosyl moieties from glycolipids and glycoproteins and catalyze the hydrolysis of melibiose into galactose and glucose . It is a lysosomal enzyme and is responsible for degradation of glycolipid globotriaosylceramide (Gb3) (Gal alpha 1-4Gal beta 1-4Glc beta -ceramide). Mutations in this gene cause Fabry disease, an X-linked hereditary lysosomal storage disease with the accumulation of Gb3 in the walls of small blood vessels, nerves, dorsal root ganglia, renal glomerular and tubular epithelial cells, and cardiomyocytes.

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