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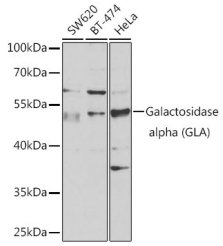
GLA Polyclonal Antibody

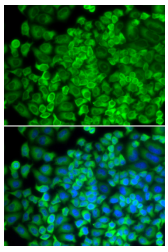
Catalog No.	E-AB-67013	**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IF	**Isotype**	IgG

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

Images



Western blot analysis of extracts of various cell lines using Galactosidase alpha (Galactosidase alpha (GLA)) Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using Galactosidase alpha (Galactosidase alpha (GLA)) Polyclonal Antibody Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant fusion protein of human GLA
GeneID	2717
Swissprot	P06280
Synonyms	GLA,GALA

Product Information

Calculated MW	48kDa
Observed MW	49kDa
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IF 1:50-1:100

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.