

Galactosidase β rabbit pAb

Cat#: orb771295 (Manual)

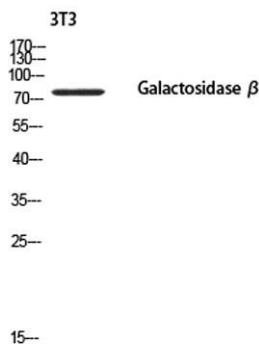
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Product Name	Galactosidase β rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human Galactosidase β .
Specificity	Galactosidase β Polyclonal Antibody detects endogenous levels of Galactosidase β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Beta-galactosidase
Gene Name	GLB1
Cellular localization	[Isoform 1]: Lysosome .; [Isoform 2]: Cytoplasm, perinuclear region . Localized to the perinuclear area of the cytoplasm but not to lysosomes. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

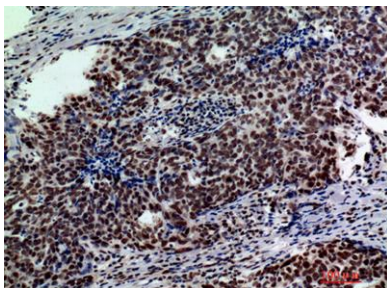
Concentration	1 mg/ml
Observed band	76kD
Human Gene ID	2720
Human Swiss-Prot Number	P16278
Alternative Names	GLB1; ELNR1; Beta-galactosidase; Acid beta-galactosidase; Lactase; Elastin receptor 1

Background

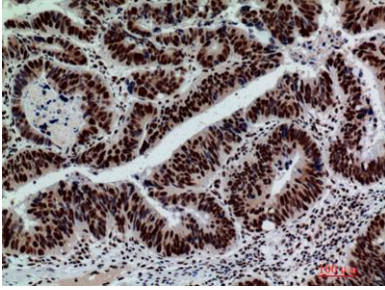
This gene encodes a member of the glycosyl hydrolase 35 family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature lysosomal enzyme. This enzyme catalyzes the hydrolysis of a terminal beta-linked galactose residue from ganglioside substrates and other glycoconjugates. Mutations in this gene may result in GM1-gangliosidosis and Morquio B syndrome. [provided by RefSeq, Nov 2015],



Western blot analysis of 3T3 using Galactosidase β antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-colont-cancer, antibody was diluted at 1:200