

ARG58696 anti-GBA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GBA
Tested Reactivity	Hu, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GBA
Species	Human
Immunogen	Synthetic peptide derived from Human GBA.
Conjugation	Un-conjugated
Alternate Names	GCB; Acid beta-glucosidase; D-glucosyl-N-acylsphingosine glucosylhydrolase; Glucosylceramidase; Alglucerase; EC 3.2.1.45; Beta-glucocerebrosidase; GBA1; Beta-GC; Imiglucerase; GLUC

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

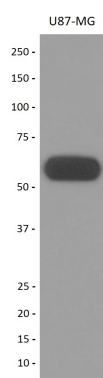
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GBA
Gene Full Name	glucosidase, beta, acid
Background	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]
Calculated Mw	60 kDa
Cellular Localization	Lysosome membrane > Peripheral membrane protein > Luminal side. [UniProt]

Images



ARG58696 anti-GBA antibody WB image

Western blot: U87-MG cell lysate stained with ARG58696 anti-GBA antibody.