

Chitotriosidase antibody

Catalog No: #22163

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Description

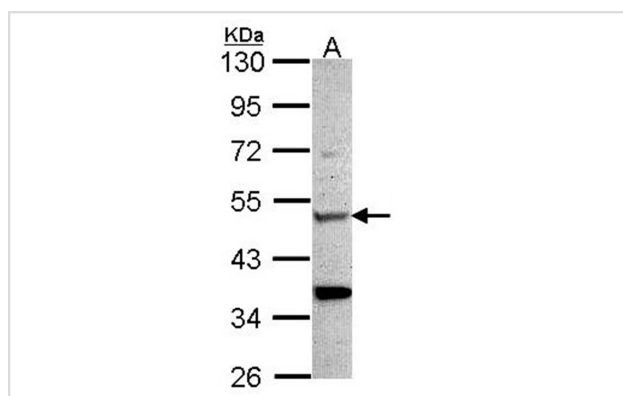
Product Name	Chitotriosidase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 216 and 433 of Chitotriosidase
Target Name	Chitotriosidase
Accession No.	Swiss-Prot:Q13231Gene ID:1118
Uniprot	Q13231
GeneID	1118;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 52kd

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: HeLa
10% SDS PAGE
Primary antibody diluted at 1: 1000

Background

Chitotriosidase is secreted by activated human macrophages and is markedly elevated in plasma of Gaucher disease patients. The expression of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macrophages can synthesize a

functional chitotriosidase, a highly conserved enzyme with a strongly regulated expression. This enzyme may play a role in the degradation of chitin-containing pathogens. [provided by RefSeq]

Note: This product is for in vitro research use only