

CHIT1 (aa409-423) Antibody (internal region, near C Terminus)
Peptide-affinity purified goat antibody
Catalog # AF3672a

Specification

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - Product Information

Application	WB, E
Primary Accession	Q13231
Other Accession	NP_003456.1 , 1118
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	51681

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - Additional Information

Gene ID 1118

Other Names

Chitotriosidase-1, 3.2.1.14, Chitinase-1, CHIT1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - Protein Information

Name CHIT1

Function

Degrades chitin, chitotriose and chitobiose. May participate in the defense against nematodes and other pathogens. Isoform 3 has no enzymatic activity.

Cellular Location

Secreted. Lysosome. Note=A small proportion is lysosomal

Tissue Location

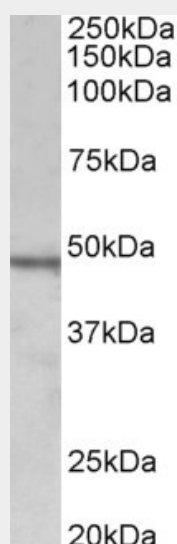
Detected in spleen. Secreted by cultured macrophages.

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - Images



AF3672a (1 µg/ml) staining of Daudi lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CHIT1 (aa409-423) Antibody (internal region, near C Terminus) - References

Reduction in imiglucerase dosage causes immediate rise of chitotriosidase activity in patients with Gaucher disease. Chien YH, Lee NC, Tsai FJ, Chao MC, Hwu WL. Mol Genet Metab. 2010 Sep;101(1):90-1. PMID: 20580583