

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
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

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

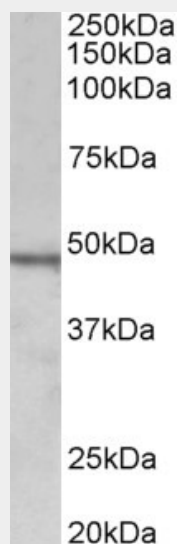
Tissue Location

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