

# Product Datasheet

## Chitotriosidase/CHIT1 Antibody

### NBP1-97774

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97774**

Chitotriosidase/CHIT1 Antibody

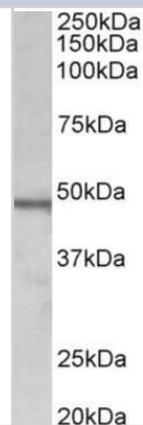
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	1118
Gene Symbol	CHIT1
Species	Human
Immunogen	Peptide with sequence EHGSPSPGQDTFCQ GK corresponding to internal region (near C-Terminus) according to NP_003456.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 48 kDa band observed in Daudi lysates (calculated MW of 51.7 kDa band according to NP_003456.1).

**Images**

Western Blot: CHIT1 Antibody [NBP1-97774] - (1ug/ml) Analysis of Daudi lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Chien YH, Lee NC, Tsai FJ et al. Reduction in imiglucerase dosage causes immediate rise of chitotriosidase activity in patients with Gaucher disease. Mol Genet Metab 2010-09-01 [PMID: 20580583]



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### Products Related to NBP1-97774

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-84490PEP	Chitotriosidase/CHIT1 Recombinant Protein Antigen

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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