

UK Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB11227 - Goat Anti-CHIT1 (aa409-423) Antibody

Size: 100µg specific antibody in 200µl

C

Target Protein

Principal Names: CHI3, CHIT, chitinase 1 (chitotriosidase), chitinase-1, chitotriosidase-1, FLJ00314, MGC125322, OTTHUMP00000217083, OTTHUMP00000217084, OTTHUMP00000217085, plasma methylumbelliferyl tetra-N-acetylchitotetraoside hydrolase, CHIT1 Official Symbol: CHIT1 Accession Number(s): NP_003456.1 Human GeneID(s): <u>1118</u>

Immunogen

Peptide with sequence EHGPSPGQDTFCQGK, from the internal region (near C Terminus) of the protein sequence according to NP_003456.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000. **Western blot:** Approx 48kDa band observed in lysates of cell line Daudi (calculated MW of 51.7kDa according to NP_003456.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human

