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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06383 - Goat Anti-Munc13-4 / UNC13D (C terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: unc-13 homolog D, HPLH3, HLH3, FHL3, unc-13 homolog D (C. elegans), Munc13-4, UNC13D

Official Symbol: UNC13D

Accession Number(s): NP_954712.1

Human GeneID(s): [201294](#)

Immunogen

Peptide with sequence C-KQASQHALRPAP, from the C Terminus of the protein sequence according to NP_954712.1.

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 1:16000.

Western blot: Approx. 105kDa band observed in Human T-lymphocyte and HeLa lysates (calculated MW of 123kDa according to NP_954712.1). Recommended concentration: 1-3µg/ml.

Full caption: EB06383 (2µg/ml) staining of Human T-lymphocyte lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data provided by anonymous customer.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

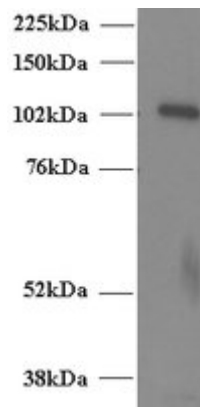
Background Reference

Feldmann J, Callebaut I, Raposo G, Certain S, Bacq D, Dumont C, Lambert N, Ouachee-Chardin M, Chedeville G, Tamary H, Minard-Colin V, Vilmer E, Blanche S, Le Deist F, Fischer A, de Saint Basile G.

Munc13-4 is essential for cytolytic granules fusion and is mutated in a form of familial hemophagocytic lymphohistiocytosis (FHL3).

Cell. 2003 Nov 14;115(4):461-73.

PMID: 14622600



EB06383 (2 μ g/ml) staining of Human T-lymphocyte lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.