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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07942 - Goat Anti-B7-H4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B7-H4, B7H4, B7S1, B7X, B7h.5, FLJ22418, PRO1291, RP11-229A19.4, VCTN1, T cell costimulatory molecule B7x, immune costimulatory protein, V-set domain containing T cell activation inhibitor 1

Official Symbol: VTCN1

Accession Number(s): NP_078902.2

Human GeneID(s): [79679](#)

Non-Human GeneID(s): 242122 (mouse), 295322 (rat)

Immunogen

Peptide with sequence C-SKGKGNANLEYK, from the internal region of the protein sequence according to NP_078902.2.

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 1:64000.

Western blot: Approx 28kDa band observed in Human Pancreas lysates (calculated MW of 30.9kDa according to NP_078902.2). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07942 (0.5µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.