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EB06257 - Goat Anti-VPS29 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: VPS29, DC7, DC15, PEP11, FLJ20492, DKFZp564F0223, vacuolar protein sorting 29 (yeast), x 007 protein, retromer protein, vacuolar sorting protein VPS29/PEP11, vacuolar protein sorting 29 (yeast homolog), vacuolar protein sorting 29

homolog (S. cerevisiae), vacuolar protein sorting 29

Official Symbol: VPS29

Accession Number(s): NP_057310.1; NP_476528.1

Human GeneID(s): 51699

Non-Human GenelD(s): 56433 (mouse)

Important Comments: This antibody is expected to recognise both human isoforms

(represented by NP_057310.1; NP_476528.1).

Immunogen

Peptide with sequence C-DDVKVERIEYKKP, from the C Terminus of the protein sequence according to NP_057310.1; NP_476528.1.

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 20+21kDa bands observed in Human Spleen lysates (calculated MW of 20.5kDa according to NP_057310.1 and 20.9kDa according to NP_476528.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubated for 1 hour.

Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06257 staining (0.1µg/ml) of Human Spleen lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.