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

EB06832 - Goat Anti-VPS45 (Internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VPS45A, HGNC:14579, H1, H1VPS45, VPS45, VPS45B, VPS54A, VSP45, VSP45A, leucocyte vacuolar protein sorting 45, vacuolar protein sorting 45A, vacuolar protein sorting 45A (yeast homolog), vacuolar protein sorting 45B (yeast), vacuolar protein sorting 45 homolog (S. cerevisiae), RP11-458I7.2

Official Symbol: VPS45

Accession Number(s): NP_009190.2

Human GeneID(s): [11311](#)

Immunogen

Peptide with sequence C-FQKKKPKEQQKLES, from the internal region of the protein sequence according to NP_009190.2.

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 1:32000.

Western blot: Approx 55kDa band observed in Human Placenta lysates (calculated MW of 65.1kDa according to NP_009190.2). Recommended concentration: 0.03-0.1 µg/ml.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human

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

EB06832 (0.03µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB06832 (2.5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.