

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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.

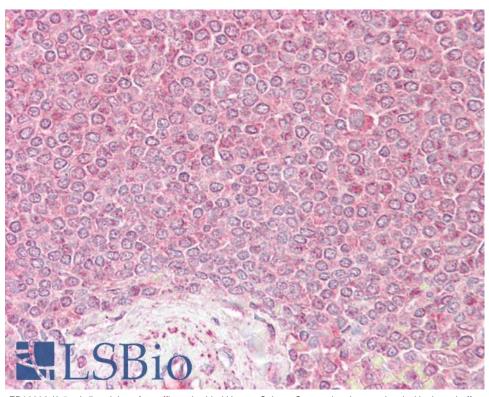
Species Reactivity

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