

#### **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.

# EB06145 - Goat Anti-VPS45 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl

## **Target Protein**

**Principal Names:** VPS45, VPS45A, VPS45B, VSP45, VSP45A, H1, H1VPS45, leucocyte vacuolar protein sorting 45, vacuolar protein sorting 45A, vacuolar protein sorting 45A (yeast homolog), vacuolar protein sorting 45 homolog (S. cerevisiae), vacuolar protein sorting 45A (yeast), vacuolar protein sorting 45B (yeast), vacuolar protein sorting protein similar to S. corpuisiae Vep45b, PP11 45817 2, VPS54A

similar to S. cerevisiae Vsp45p, RP11-458I7.2, VPS54A

Official Symbol: VPS45

Accession Number(s): NP\_009190.2

Human GeneID(s): 11311

Non-Human GeneID(s): 22365 (mouse)

### **Immunogen**

Peptide with sequence C-ESSQVTSRSASRR, from the C Terminus 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 60kDa band observed in Human Testis and Peripheral Blood Mononucleocyte lysates (calculated MW of 65.1kDa according to NP\_009190.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. **IHC:** Paraffin embedded Human Brain (Cortex), Placenta and Small Intestine.

Recommended concentration: 5µg/ml.

## **Species Reactivity**

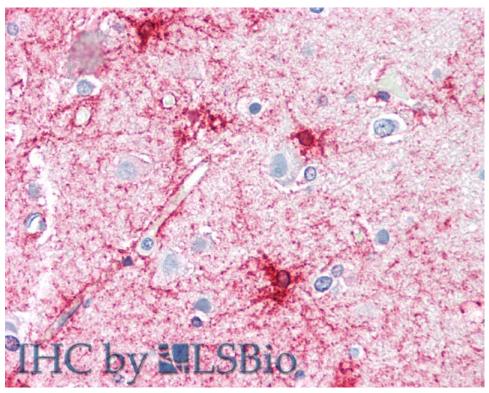
Tested: Human

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

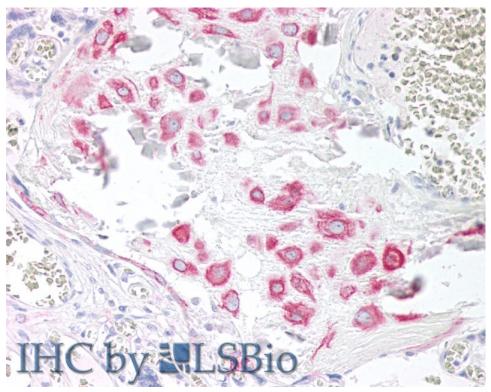


EB06145 (0.3μg/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35μg protein in RIPA buffer).

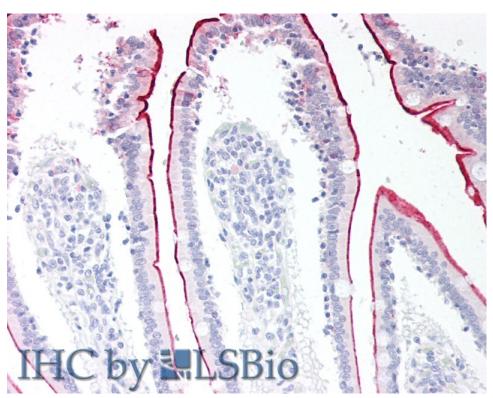
Detected by chemiluminescence.



EB06145 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06145 ( $5\mu g/ml$ ) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06145 ( $5\mu g/ml$ ) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.