

#### **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.

# EB12494 - Goat Anti-VPS16 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** VPS16, vacuolar protein sorting 16 homolog (S. cerevisiae), hVPS16, OTTHUMP00000030047, OTTHUMP00000030048, vacuolar protein sorting protein 16,

vacuolar protein sorting-associated protein 16 homolog

Official Symbol: VPS16

Accession Number(s): NP\_072097.2

Human GeneID(s): 64601

Non-Human GenelD(s): 80743 (mouse), 296159 (rat)

Important Comments: This antibody is expected to recognize reported isoform 1

(NP\_072097.2) only.

## **Immunogen**

Peptide with sequence C-KESQKADEYLREIQ, from the internal region of the protein sequence according to NP\_072097.2.

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 1:128000.

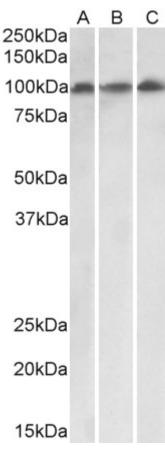
**Western blot:** Approx 100kDa band observed in lysates of cell lines HepG2, HeLa and Jurkat and in lysates of Mouse Spleen and Rat Thymus (calculated MW of 94.7kDa according to NP\_072097.2). Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml.

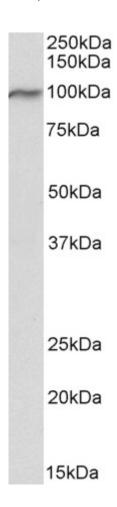
# **Species Reactivity**

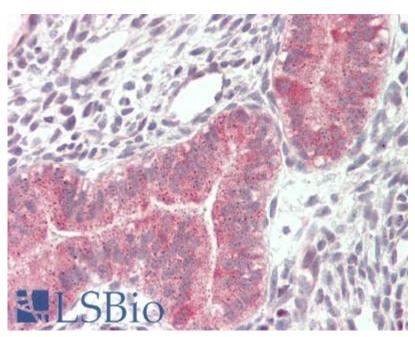
Tested: Human, Mouse, Rat

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



EB12494 (0.1 $\mu$ g/ml) staining of HeLa (A), HepG2 (B) and Jurkat (C) lysates (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.





EB12494 (5μg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.