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**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. cerevisiae* Vsp45p, RP11-45817.2, 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.

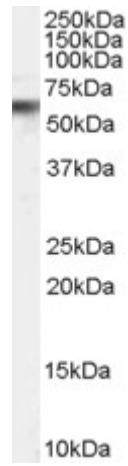
IHC: Paraffin embedded Human Brain (Cortex), Placenta and Small Intestine.

Recommended concentration: 5µg/ml.

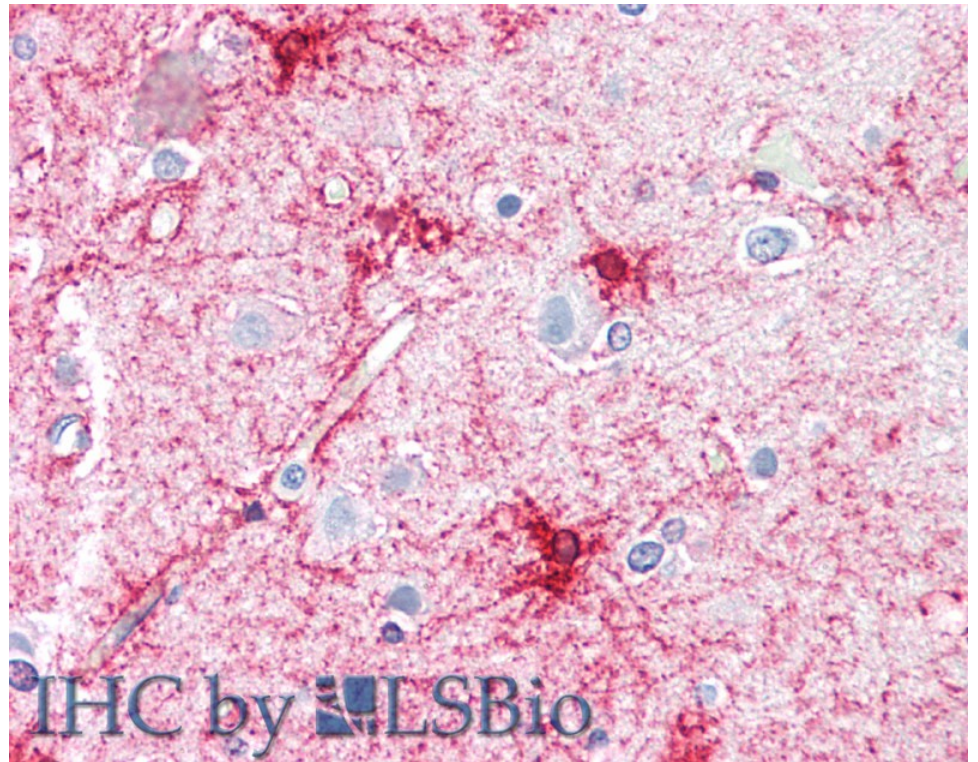
Species Reactivity

Tested: Human

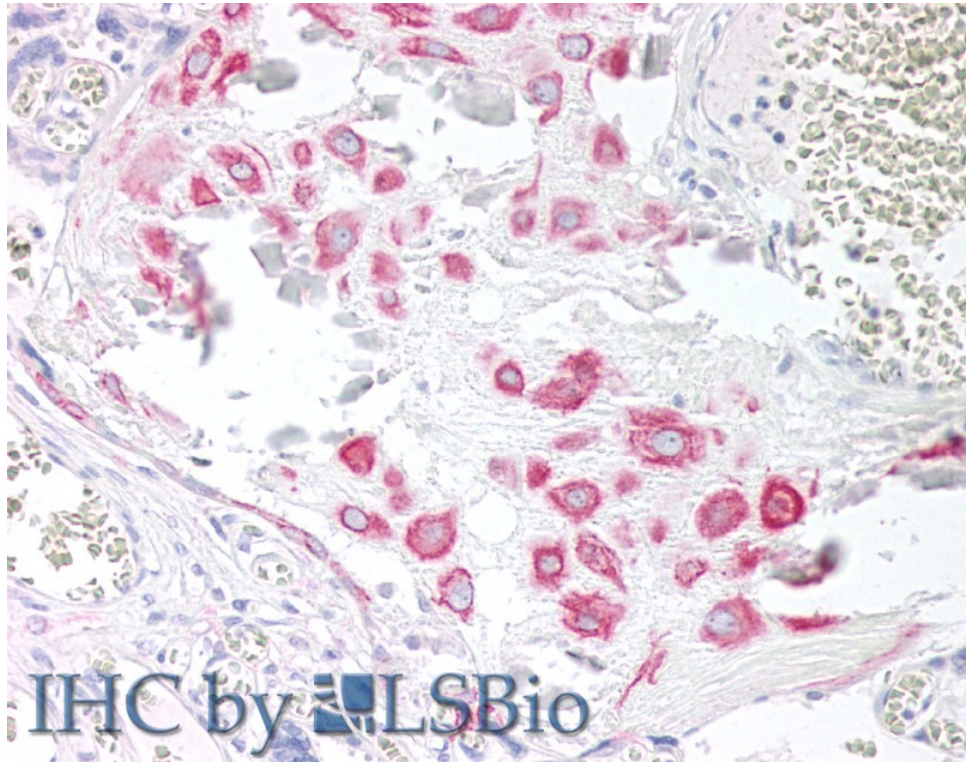
Expected from sequence similarity: Human, Mouse, Dog, Cow



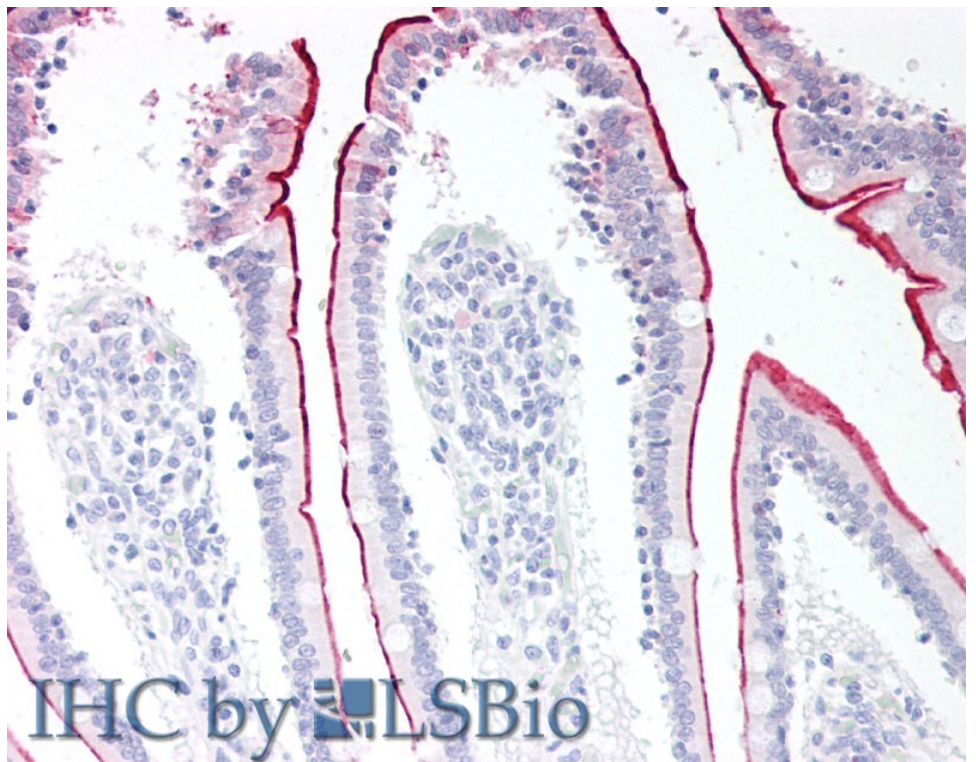
EB06145 (0.3 μ g/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35 μ g protein in RIPA buffer).
Detected by chemiluminescence.



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



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



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