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Research Use Only. Not for diagnostic or therapeutic use.

EB06828 - Goat Anti-VPS11 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VPS11, vacuolar protein sorting 11 (yeast), HGNC:14583, END1, PEP5, RNF108, hVPS11, vacuolar protein sorting 11 (yeast homolog), vacuolar protein

sorting protein 11, vacuolar protein sorting 11 homolog (S. cerevisiae)

Official Symbol: VPS11

Accession Number(s): NP_068375.3

Human GeneID(s): 55823

Non-Human GenelD(s): 71732 (mouse)

Immunogen

Peptide with sequence C-HALQEKDTQTKLE, from the internal region of the protein sequence according to NP_068375.3.

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.

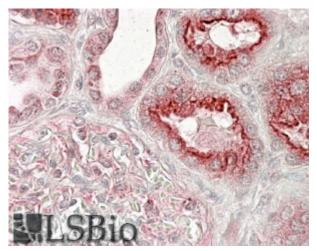
Western blot: Preliminary experiments gave an approx 75kDa band in human duodenum, colon and placenta lysates after 0.3μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 108kDa according to NP_068375.3. The 75kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: In paraffin embedded Human Kidney shows brushborder staning in PCT cells and Human Pancreas shows cytoplasm staining of beta cells in islets of Langerhans. Recommended concentration, 3-6µg/ml.

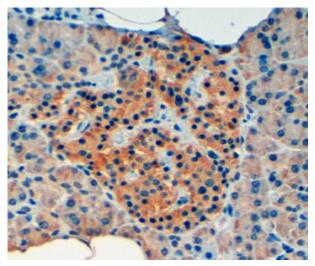
Species Reactivity

Tested: Human

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



EB06828 (3.8 μ g/ml) staining of paraffin embedded Human Kidney-. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06828 (4µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.