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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 GeneID(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. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Kidney shows brushborder staining 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 (3.8µg/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.