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Research Use Only. Not for diagnostic or therapeutic use.

EB07369 - Goat Anti-VPS29 (Internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VPS29, vacuolar protein sorting 29 (yeast), DC15, DC7, DKFZp564F0223, FLJ20492, PEP11, retromer protein, vacuolar protein sorting 29, vacuolar protein sorting 29 (yeast homolog), vacuolar sorting protein VPS29/PEP11, x 007 protein

Official Symbol: VPS29

Accession Number(s): NP_057310.1; NP_476528.1

Human GeneID(s): 51699

Non-Human GenelD(s): 56433 (mouse), 288666 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_057310.1 and NP_476528.1).

Immunogen

Peptide with sequence CTGNLCTKESYDYLK, from the internal region of the protein sequence according to NP_057310.1; NP_476528.1.

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 1:16000.

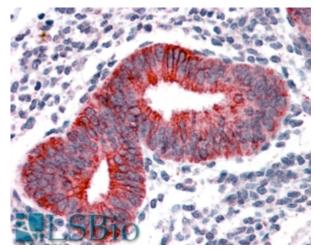
Western blot: Preliminary experiments gave an approx 60kDa band in Human Spleen lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 20.5kDa according to NP_057310.1 and 20.9kDa according to NP_476528.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Uterus and Placenta. Recommended concentration: 3.75µg/ml.

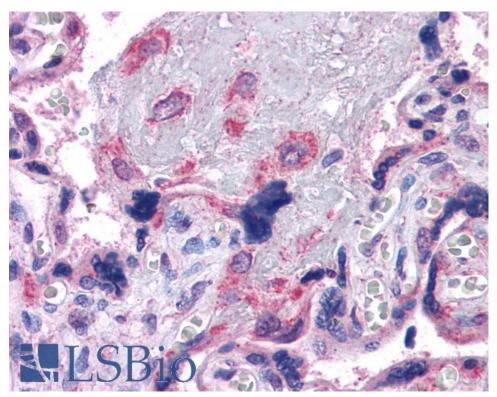
Species Reactivity

Tested: Human

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



EB07369 (3.75 μ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07369 (3.75 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.