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Research Use Only. Not for diagnostic or therapeutic use.

EB07305-T - Goat Anti-Ezrin / villin 2 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: villin 2 (ezrin), ezrin, VIL2, CVIL, CVL, DKFZp762H157, FLJ26216,

MGC1584, cytovillin, villin 2 **Official Symbol:** EZR

Accession Number(s): NP_003370.2

Human GenelD(s): 7430

Non-Human GenelD(s): 22350 (mouse), 54319 (rat)

Immunogen

Peptide with sequence C-QDYEEKTKKAER, from the internal region of the protein sequence according to NP_003370.2.

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 1:16000.

Western blot: Approx 80kDa band observed in Human Placenta lysates (calculated MW of 69.4kDa according to NP_003370.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Zhu et al, Am J Physiol Cell Physiol. 2005 Jun;288(6):C1242-54.; PMID: 15788482). Recommended concentration: 1-3μg/ml. **IHC:** Paraffin embedded Human Colon and Kidney. Recommended concentration: 3.75μg/ml.

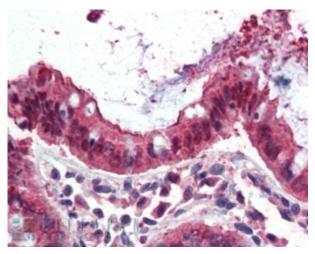
Species Reactivity

Tested: Human

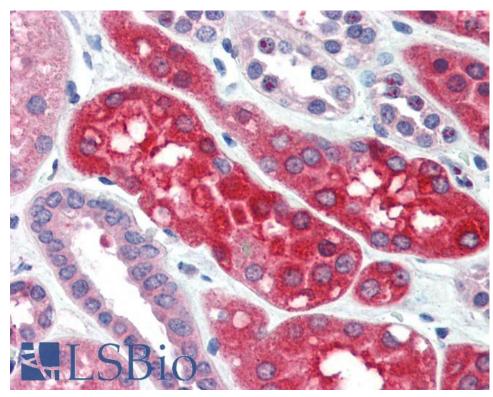
Expected from sequence similarity: Human, Dog



EB07305 ($1\mu g/ml$) staining of Human Placenta lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07305 (3.75 μ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07305 (3.75 μ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.