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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08171 - Goat Anti-EPB41L2 / 4.1G (aa 347 to 357) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPB41L2, erythrocyte membrane protein band 4.1-like 2, RP3-324N14.1, 4.1-G, DKFZp781D1972, DKFZp781H1755, OTTHUMP00000040262, erythrocyte membrane protein band 4.1 like-protein 2

Official Symbol: EPB41L2

Accession Number(s): NP_001422.1

Human GeneID(s): [2037](#)

Immunogen

Peptide with sequence C-DYDPEEHGSID, from the internal region of the protein sequence according to NP_001422.1.

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 46kDa band in Human Brain (cerebellum) and Ovary 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 113kDa according to NP_001422.1. The 46kDa 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 Uterus shows membranous staining in endometrial cells. Recommended concentration, 2-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB08171 (2.1µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.