

## Goat anti-EPB41L2 / 4.1G (aa 347 to 357) Antibody

<b>Item Number</b>	dAP-1259
<b>Target Molecule</b>	Principle Name: EPB41L2 / 4.1G (aa 347 to 357); Official Symbol: EPB41L2 ; All Names and Symbols: 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; Accession Number (s): NP_001422.1; Human Gene ID(s): 2037; Non-Human GeneID(s):
<b>Immunogen</b>	DYDPEEHGSID, is from internal region
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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 c
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Uterus shows membranous staining in endometrial cells. Recommended concentration, 2-5µg/ml.

**Reference** Reference(s): Ralston KJ, Hird SL, Zhang X, Scott JL, Jin B, Thorne RF, Berndt MC, Boyd AW, Burns GF. The LFA-1-associated molecule PTA-1 (CD226) on T cells forms a dynamic molecular complex with protein 4.1G and human discs large. J Biol Chem. 2004 Aug 6;279(32):33816-28. Epub 2004 May 11..PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**