



## Goat anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody

<b>Item Number</b>	dAP-1241
<b>Target Molecule</b>	Principle Name: EPB41L2 / 4.1G (aa 593 to 604); Official Symbol: EPB41L2 ; All Names and Symbols: EPB41L2; 4.1-G; erythrocyte membrane protein band 4.1-like 2; RP3-324N14.1; 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>	RREVRSPKAPH, is from internal region
<b>Applications</b>	Pep ELISA, WB, 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 32000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 113kDa according to NP_001422.1). Recommended concentration: 0.03-0.1µg/ml. An additional double band of unknown identity was also consistently observed at 3
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Uterus shows membranous staining of the endometrial cells. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	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**