

## Goat anti-CLIM1 / PDLIM1 Antibody

Item Number	dAP-0459
Target Molecule	Principle Name: CLIM1 / PDLIM1; Official Symbol: PDLIM1; All Names and Symbols: PDLIM1; CLIM1; CLP36; ELF1N; CLP-36; hCLIM1; PDZ and LIM domain 1 (elfin); carboxy terminal LIM domain protein 1; PDZ and LIM domain 1; elfin; enigma; Accession Number (s): NP_066272.1; Human Gene ID(s): 9124; Non-Human GenelD(s):
Immunogen	TPPEGYEVVTVFPK, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Lung lysate (calculated MW of 36.1kDa according to NP_066272.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kotaka M, Kostin S, Ngai S, Chan K, Lau Y, Lee SM, Li H, Ng EK, Schaper J, Tsui SK, Fung K, Lee C, Waye MM. Interaction of hCLIM1, an enigma family protein, with alpha-actinin 2. J Cell Biochem. 2000 Jun 12;78(4):558-65..PMID: 10861853 ->

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 end users! This product is sold for **Research Use Only**