



## Goat anti-DLG1 Antibody

<b>Item Number</b>	dAP-1436
<b>Target Molecule</b>	Principle Name: DLG1; Official Symbol: DLG1 ; All Names and Symbols: DLG1 ; discs, large homolog 1 (Drosophila) ; DKFZp761P0818 ; DKFZp781B0426 ; DLGH1 ; SAP97 ; dJ1061C18.1.1 ; hdlg; discs large homolog 1 ; discs, large homolog 1 ; presynaptic protein SAP97 ; synapse-associated protein 97; Accession Number (s): NP_001091894.1; NP_004078.2; Human Gene ID(s): 1739; Non-Human GeneID(s):
<b>Immunogen</b>	NSKTRDKGEIPDD, is from internal region This antibody is expected to recognize both reported isoforms (NP_001091894.1 and NP_004078.2).
<b>Applications</b>	Pep ELISA, WB  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: Approx 150kDa band observed in lysates of cell line KELLY (calculated MW of 103kDa according to NP_004078.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended
<b>IHC</b>	
<b>Reference</b>	Reference(s): Mahoney ZX, Sammut B, Xavier RJ, Cunningham J, Go G, Brim KL, Stappenbeck TS, Miner JH, Swat W. Discs-large homolog 1 regulates smooth muscle orientation in the mouse ureter. Proc Natl Acad Sci U S A. 2006 Dec 26;103(52):19872-7. Epub 2006 Dec 15..PMID: 17172448 ->

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**