

Goat anti-LASP1 (internal region) Antibody

Item Number	dAP-1250
Target Molecule	Principle Name: LASP1 (internal region); Official Symbol: LASP1; All Names and Symbols: LASP1; LIM and SH3 protein 1; Lasp-1; MLN50; Accession Number (s): NP_006139.1; Human Gene ID(s): 3927; Non-Human GeneID(s):
Immunogen	PERRDSQDGSSYR, is from internal region
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 32000.
Western Blot	Western Blot: Approx 36kDa band observed in Human Kidney lysates (calculated MW of 29.7kDa according to NP_006139.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Schreiber et al, Gene. 1998 Jan
IHC	Immunohistochemistry: Paraffin embedded Human Colon and Small Intestine. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Grunewald TG, Kammerer U, Schulze E, Schindler D, Honig A, Zimmer M, Butt E. Silencing of LASP-1 influences zyxin localization, inhibits proliferation and reduces migration in breast cancer cells. Exp Cell Res. 2006 Apr 15;312(7):974-82. Epub 2006 Jan 23. Erratum in: Exp Cell.PMID: 16430883->

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**