

Goat anti-LIMK2 (aa181-193) Antibody

Item Number	dAP-3443
Target Molecule	Principle Name: LIMK2 (aa181-193); Official Symbol: LIMK2; All Names and Symbols: LIMK2; LIM domain kinase 2; Accession Number (s): NP_001026971.1; NP_005560.1; NP_057952.1; Human Gene ID(s): 3985; Non-Human GeneID(s): 16886 (mouse) 29524 (rat)
Immunogen	QVKEVNRMHISPN, is from internal region This antibody is expected to recognize all reported isoforms (NP_001026971.1; NP_005560.1; NP_057952.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 16000.
Western Blot	Western Blot: Approx 75+80kDa doublet band observed in lysates of cell lines HeLa and NIH3T3 and approx 70kDa observed in Rat Pancreas lysates (calculated MW of 77.9kDa according to Human NP_001026971.1 and 72.2kDa according to Human NP_005560.1, Mouse N
IHC	
Reference	Reference(s): Goyal P, Pandey D, Siess W. Phosphorylation-dependent regulation of unique nuclear and nucleolar localization signals of LIM kinase 2 in endothelial cells. The Journal of biological chemistry 2006 Sep 28; 281(35): 25223-30. PMID: 16820362->

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**