

## Goat anti-LIMK2 (aa181-193) Antibody

<b>Item Number</b>	dAP-3443
<b>Target Molecule</b>	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 GenID(s): 16886 (mouse) 29524 (rat)
<b>Immunogen</b>	QVKEVNRMHISPN, is from internal region This antibody is expected to recognize all reported isoforms (NP_001026971.1; NP_005560.1; NP_057952.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat
<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 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
<b>IHC</b>	
<b>Reference</b>	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 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 end users! This product is sold for **Research Use Only**