

Goat anti-ILK Antibody

Item Number	dAP-0439
Target Molecule	Principle Name: ILK; Official Symbol: ILK; All Names and Symbols: ILK; integrin-linked kinase; P59; DKFZp686F1765; Accession Number (s): NP_004508.1; NP_001014794.1; NP_001014795.1; Human Gene ID(s): 3611; Non-Human GenID(s):
Immunogen	DMIVPILEKMQDK, is from C Terminus All 3 variants (represented by NP_004508.1; NP_001014794.1 and NP_001014795.1) encode the same protein.
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 52kDa band observed in Mouse Kidney lysates and in lysates of cell line NIH3T3 and 50-51kDa in HEK293, A431, HeLa and Jurkat lysates (calculated MW of 51.4kDa according to Human NP_004508.1 and Mouse NP_034692.2). Recommended dilution
IHC	
Reference	Reference(s): Hannigan GE, Leung-Hagesteijn C, Fitz-Gibbon L, Coppolino MG, Radeva G, Filmus J, Bell JC, Dedhar S. Regulation of cell adhesion and anchorage-dependent growth by a new beta 1-integrin-linked protein kinase. <i>Nature</i> . 1996 Jan 4;379(6560):91-6.. PMID: 8538749->

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**