

## Goat anti-LCK (aa39-52) Antibody

<b>Item Number</b>	dAP-2618
<b>Target Molecule</b>	Principle Name: LCK (aa39-52); Official Symbol: LCK; All Names and Symbols: LCK; lymphocyte-specific protein tyrosine kinase; LSK; YT16; p56lck; pp58lck; OTTHUMP00000008640; OTTHUMP00000008740; OTTHUMP00000008741; T-lymphocyte specific protein tyrosine kinase p56lck; leukocyte C-terminal Src kinase; lymphocyte cell-specific prote; Accession Number (s): NP_005347.3; Human Gene ID(s): 3932; Non-Human GeneID(s): 16818 (mouse) 313050 (rat)
<b>Immunogen</b>	RNGSEVRDPLVITYE, is from internal region (near N Terminus) This antibody is not expected to cross-react with other tyrosine protein kinases. Reported variants represent identical protein: NP_005347.3, NP_001036236.1
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Rat, Pig
<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 60kDa band observed in Human and Rat Thymus lysates (calculated MW of 58.0kDa according to NP_005347.3). Recommended concentration: 0.1-0.3µg/ml. Approx 60kDa band observed in Pig Bone Marrow and Spleen lysates (calculated MW of 58.2
<b>IHC</b>	
<b>Reference</b>	Reference(s): Thomas SM, Brugge JS. Cellular functions regulated by Src family kinases. Annu Rev Cell Dev Biol. 1997;13:513-609..PMID: 9442882->

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**