

## Goat anti-ITK Antibody

<b>Item Number</b>	dAP-2946
<b>Target Molecule</b>	Principle Name: ITK; Official Symbol: ITK; All Names and Symbols: ITK; IL2-inducible T-cell kinase; EMT; LYK; MGC126257; MGC126258; PSCTK2; homolog of mouse T-cell itk/tsk; tyrosine-protein kinase ITK/TSK; tyrosine-protein kinase LYK; Accession Number (s): NP_005537.3; Human Gene ID(s): 3702; Non-Human GeneID(s):
<b>Immunogen</b>	KERPEDRPAFSR, is from internal (near C terminus)
<b>Applications</b>	Pep ELISA, WB Species Tested: 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 64000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in Rat Thymus lysates (calculated MW of 71.8kDa according to NP_005537.3). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hu J, Sahu N, Walsh E, August A Memory phenotype CD8+ T cells with innate function selectively develop in the absence of active Itk Eur J Immunol. 2007 Oct;37(10):2892-9.PMID: 17724684->

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**