

Datasheet for ABIN987272
anti-LCK antibody (AA 39-52)

3 Images

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Overview

Quantity:	100 µg
Target:	LCK
Binding Specificity:	AA 39-52
Reactivity:	Human, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	LCK (aa39-52)
Immunogen:	Peptide with sequence C-RNGSEVRDPLVTYE, from the internal region (near N Terminus) of the protein sequence according to NP_005347.3.
Sequence:	RNGSEVRDPL VTYE
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react with other tyrosine protein kinases. Reported variants represent identical protein: NP_005347.3, NP_001036236.1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	LCK
Alternative Name:	LCK (LCK Products)
Background:	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
Gene ID:	3932, 16818, 313050
NCBI Accession:	NP_005347
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Transition Metal Ion Homeostasis , Positive Regulation of Endopeptidase Activity , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human and Rat Thymus lysates (calculated MW of 58.0 kDa according to NP_005347.3). Recommended concentration: 0.1-0.3 µg/mL. Approx 60 kDa band observed in Pig Bone Marrow and Spleen lysates (calculated MW of 58.2 kDa). Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

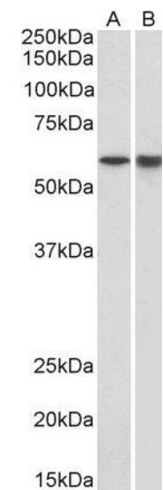
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



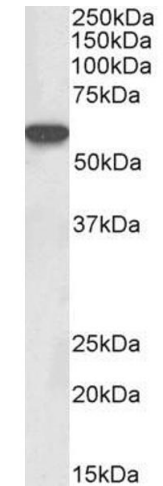
Western Blotting

Image 1. ABIN987272 (1µg/ml) staining of Pig Bone Marrow (A) and Spleen (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN987272 (0.1µg/ml) staining of Human Thymus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN987272 (0.3µg/ml) staining of Rat Thymus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.