

Rabbit LCK Polyclonal Antibody | anti-LCK antibody

LCK Antibody

CATALOG # AAA168769	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

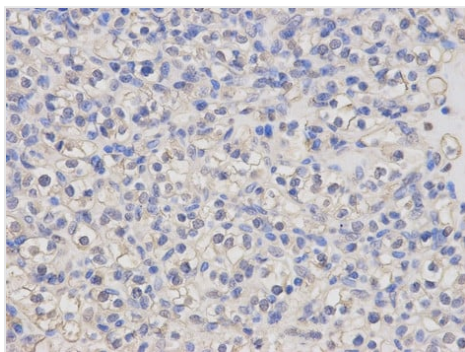
PRODUCT SYNONYMS

LCK; Polyclonal Antibody; LCK Antibody; YT16; p56lck; pp58lck; anti-LCK antibody

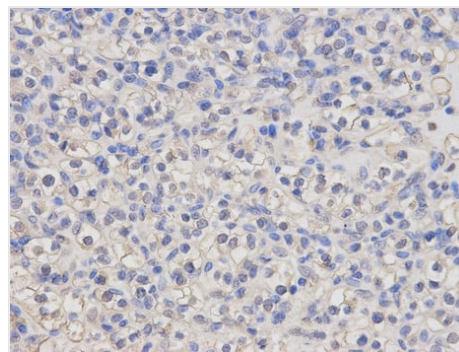
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	35
Applicable Applications for anti-LCK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human LCK
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-32014 / sc-13 / sc-28882
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

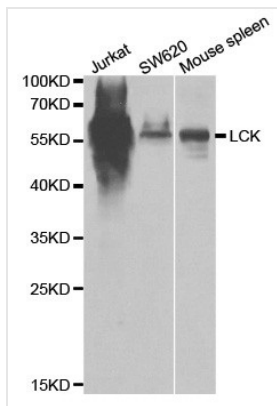
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human kidney cancer using LCK antibody at dilution of 1:100 (400x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using LCK antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LCK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LCK antibody

The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells (1). Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active (2). p56lck (lymphocyte cellular kinase) has been shown to be a pivotal enzyme to both maturation of thymocytes and activation and proliferation of peripheral lymphocytes. The p56lck sequence appeared highly homologous to that of the oncogene p60c-src as did its exon-intron organisation. p56lck does not appear involved in lymphoproliferative diseases, either by overexpression or activating mutations. Nevertheless, its aberrant expression has been reported in some carcinomas (colon, lung and mammary). It was suggested that p56lck could favor metastases by facilitating loss of cell adhesion (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	349702
NCBI GeneID	3932
Molecular Weight	61,190 Da
NCBI Official Full Name	LCK, partial
NCBI Official Synonym Full Names	LCK proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	LCK
NCBI Official Synonym Symbols	LSK; YT16; IMD22; p56lck; pp58lck
NCBI Protein Information	tyrosine-protein kinase Lck; T-lymphocyte specific protein tyrosine kinase p56lck; leukocyte C-terminal Src kinase; lymphocyte cell-specific protein-tyrosine kinase; lymphocyte-specific protein tyrosine kinase; p56(LSTRA) protein-tyrosine kinase; proto-oncogene tyrosine-protein kinase LCK; t cell-specific protein-tyrosine kinase
UniProt Protein Name	Tyrosine-protein kinase Lck
UniProt Gene Name	LCK
UniProt Synonym Gene Names	LSK
UniProt Entry Name	LCK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/lck-antibody-immunohistochemistry-western-blot-elisa/168769>