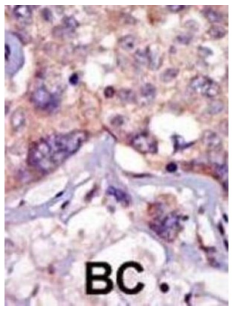
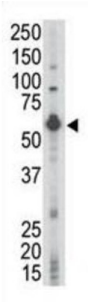
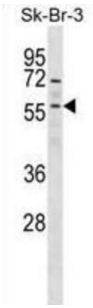
Proto-Oncogene Tyrosine-Protein Kinase LCK (LCK) Antibody

Catalogue No.:abx033638







LSK, which belongs to the SRC subfamily of Tyr protein kinases, may participate in antigen-induced T-cell activation. It binds to phosphatidylinositol 3'-kinase (PI3K) from T lymphocytes through its SH3 domain and to the tyrosine phosphorylated form of KHDRBS1/p70 through its SH2 domain. LSK is bound to the cytoplasmic domain of either CD4 or CD8. This protein is involved in leukemias by a chromosomal translocation t (1;7) (p34;q34) which involves LCK and T-cell receptor beta chain (TCRB) genes.

Target:	Proto-Oncogene Tyrosine-Protein Kinase LCK (LCK)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Rabbit

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Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100, IF/ICC: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 23-52 amino acids from the N-terminal region of human LCK.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P06239 (UniProt, ExPASy)
KEGG:	hsa:3932
String:	9606.ENSP00000337825
Molecular Weight:	Calculated MW: 58 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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