

Rabbit anti-Human, Mouse Lymphocyte Antigen 6 Complex Polyclonal Antibody | anti-LY6K antibody

Lymphocyte Antigen 6 Complex Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328879	Rabbit	Human, Mouse	ELISA

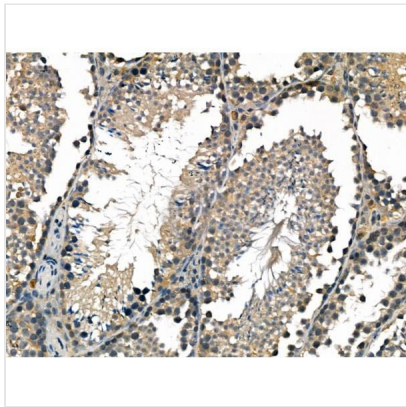
PRODUCT SYNONYMS

Lymphocyte Antigen 6 Complex; Polyclonal Antibody; Lymphocyte Antigen 6 Complex Antibody; Lymphocyte antigen Ly-6K; 2410015A16Rik; 3110035B01Rik; CT97; FLJ35226; HSJ001348; ly 6K; Lymphocyte antigen 6 complex; locus K; mLy 6K; ThB; Thymocyte B cell antigen; anti-LY6K antibody

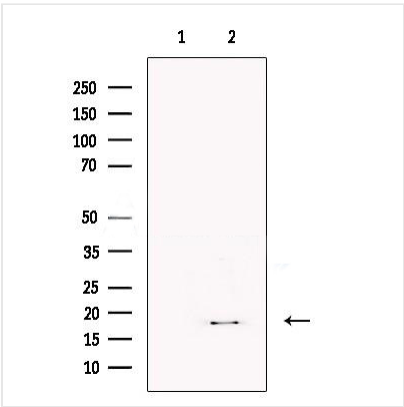
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Lymphocyte Antigen 6 Complex Antibody detects endogenous levels of total Lymphocyte Antigen 6 Complex.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-LY6K antibody	ELISA
Immunogen	A synthesized peptide derived from human Lymphocyte Antigen 6 Complex, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA328879 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Hela cells, using Lymphocyte Antigen 6 Complex Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LY6K antibody	Function: Required for sperm migration into the oviduct and male fertility by controlling binding of sperm to zona pellucida (By similarity). May play a role in cell growth (PubMed:18089789).
	Subcellular Location: Secreted. Cytoplasm. Cell membrane>Lipid-anchor. Cytoplasmic vesicle>Secretory vesicle>Acrosome. Membrane raft.
	Tissue Specificity: Specifically expressed in testis (at protein level).
	Subunit Structure: Interacts with TEX101.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119602717
NCBI GeneID	54742
UniProt Accession #	Q17RY6
Molecular Weight	Observed Molecular Weight: (Observed)18kD. Predicted Molecular Weight: (Calculated)19kDa.
NCBI Official Full Name	lymphocyte antigen 6 complex, locus K, isoform CRA_b
NCBI Official Synonym Full Names	lymphocyte antigen 6 family member K
NCBI Official Symbol	LY6K
NCBI Official Synonym Symbols	CT97; ly-6K; URLC10; HSJ001348
NCBI Protein Information	lymphocyte antigen 6K
UniProt Protein Name	Lymphocyte antigen 6K
UniProt Gene Name	LY6K
UniProt Synonym Gene Names	CO16; Ly-6K
UniProt Entry Name	LY6K_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.

