

# LST1 Rabbit pAb

LST1 Rabbit pAb  
Catalog # AP59177

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">O00453</a>
<b>Predicted</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	10792
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human LST1
<b>Epitope Specificity</b>	41-97/97
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Membrane. Golgi apparatus membrane. Endomembrane system. Also detected in a perinuclear region corresponding to the localization of the Golgi apparatus and throughout the cytoplasm.
<b>SIMILARITY</b>	Belongs to the LST1 family.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	Possible role in modulating immune responses. Induces morphological changes including production of filopodia and microspikes when overexpressed in a variety of cell types and may be involved in dendritic cell maturation. Isoform 1 and isoform 2 have an inhibitory effect on lymphocyte proliferation.

## Additional Information

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<b>Gene ID</b>	7940
<b>Other Names</b>	Leukocyte-specific transcript 1 protein, Protein B144, LST1, B144
<b>Target/Specificity</b>	Expressed in lung, tonsil, thymus, placenta, kidney, fetal spleen, fetal liver and brain.
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	LST1
<b>Synonyms</b>	B144
<b>Function</b>	Possible role in modulating immune responses. Induces morphological changes including production of filopodia and microspikes when overexpressed in a variety of cell types and may be involved in dendritic cell maturation. Isoform 1 and isoform 2 have an inhibitory effect on lymphocyte proliferation.
<b>Cellular Location</b>	Membrane; Single-pass membrane protein. Golgi apparatus membrane; Single-pass membrane protein. Endomembrane system; Single-pass membrane protein. Note=Also detected in a perinuclear region corresponding to the localization of the Golgi apparatus and throughout the cytoplasm
<b>Tissue Location</b>	Expressed in lung, tonsil, thymus, placenta, kidney, fetal spleen, fetal liver and brain

## Background

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Possible role in modulating immune responses. Induces morphological changes including production of filopodia and microspikes when overexpressed in a variety of cell types and may be involved in dendritic cell maturation. Isoform 1 and isoform 2 have an inhibitory effect on lymphocyte proliferation.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.