

LST1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17403c**Specification**

LST1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O00453
Other Accession	NP_995309.2 , NP_001160010.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	10792
Antigen Region	19-47

LST1 Antibody (Center) - Additional Information**Gene ID** 7940**Other Names**

Leukocyte-specific transcript 1 protein, Protein B144, LST1, B144

Target/Specificity

This LST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-47 amino acids from the Central region of human LST1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LST1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LST1 Antibody (Center) - Protein Information**Name** LST1**Synonyms** B144

Function 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.

Cellular Location

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

Tissue Location

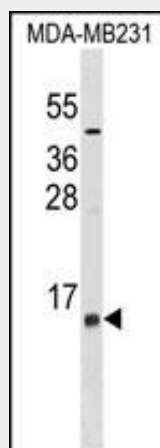
Expressed in lung, tonsil, thymus, placenta, kidney, fetal spleen, fetal liver and brain

LST1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LST1 Antibody (Center) - Images



LST1 Antibody (Center) (Cat. #AP17403c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the LST1 antibody detected the LST1 protein (arrow).

LST1 Antibody (Center) - Background

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.

LST1 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Man, M., et al. J Clin Pharmacol 50(8):929-940(2010)
Rojas, J., et al. Ophthalmology (2010) In press :
Wang, X., et al. PLoS ONE 5 (8), E11934 (2010) :
Ovsyannikova, I.G., et al. PLoS ONE 5 (7), E11806 (2010) :