LAX1 Antibody – Goat Polyclonal

PRODUCT OVERVIEW

Product Name	LAX1, Polyclonal Antibody
Full Product Name	Goat anti-LAX1 Antibody
Product Gene Name	anti-LAX1 antibody
Product Synonym Names	Goat Anti-LAX Antibody; LAX1; lymphocyte transmembrane adaptor 1; FLJ20340; LAX; LAT-like membrane associated protein; OTTHUMP00000034094; linker for activation of x cells; LAX1 antibody; lymphocyte transmembrane adaptor 1 antibody; FLJ20340 antibody; LAX antibody; LAT-like membrane associated protein antibody; OTTHUMP00000034094 antibody; linker for activation of x cells antibody
Immunogen Sequence	NLTPSAHCIN VRAS
Clonality	Polyclonal
Host	Goat
Species Reactivity	Expected from sequence similarity: Human
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Concentration	100ug specific antibody in 200ul (lot specific)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.
Antibody/Peptide Pairs	LAX1 peptide (MBS426797) is used for blocking the activity of LAX1 antibody (MBS422130)
Molecular Weight	42,491 Da
Immunogen	Peptide with sequence NLTPSAHCINVRAS, from the internal region of the protein sequence according to NP_060243.2; NP_001129662.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_060243.2; NP_001129662.1).
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Applications Tested/Suitable for anti-LAX1 antibody	Peptide ELISA (EIA)
Application Notes for anti-LAX1 antibody	Peptide ELISA: Antibody detection limit dilution 1: 1000. Western Blot: Preliminary experiments in lysates of Peripheral Blood Mononucleocytes and of cell lines HeLa and MOLT4 gave no specific signal but low background (at antibody concentration up to 1ug/ml).
Related Product Information for anti-LAX1 antibody	MBS422130 is an antibody targeting LAX1. Also known as Goat anti-LAX1 Antibody. Reactive in Expected from sequence similarity: Human. Host: Goat.
Other Notes	Small volumes of anti-LAX1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAX1. It may not necessarily be applicable to this product.

NCBI GI #	63003901

NCBI GeneID	54900
NCBI Accession #	NP_060243.2
NCBI Related Accession #	NP_001129662.1
UniProt Secondary Accession #	Q6NSZ6; Q9NXB4; B7Z744; J3KP69
UniProt Related Accession #	Q8IWV1
GenBank Nucleotide #	NM_017773.3
NCBI Official Full Name	lymphocyte transmembrane adapter 1 isoform a
NCBI Official Synonym Full Names	lymphocyte transmembrane adaptor 1
NCBI Official Symbol	LAX1
NCBI Official Synonym Symbols	LAX
UniProt Protein Name	Lymphocyte transmembrane adapter 1
UniProt Synonym Protein Names	Linker for activation of X cells; Membrane-associated adapter protein LAX
Protein Family	Lymphocyte transmembrane adapter
UniProt Gene Name	LAX1
UniProt Synonym Gene Names	LAX
UniProt Entry Name	LAX1_HUMAN
NCBI Protein Information	lymphocyte transmembrane adapter 1
UniProt Comments for LAX1	LAX1: Negatively regulates TCR (T-cell antigen receptor)- mediated signaling in T-cells and BCR (B-cell antigen receptor)- mediated signaling in B-cells. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold; Membrane protein, integral Chromosomal Location of Human Ortholog: 1q32.1 Cellular Component: cytoplasm; Golgi apparatus; integral to membrane; lipid raft; membrane; plasma membrane Molecular Function: protein binding; protein kinase binding; SH2 domain binding Biological Process: adaptive immune response; antigen receptor-mediated signaling pathway; B cell activation; immune response; immunoglobulin secretion; inactivation of MAPK activity; negative regulation of T cell activation
Research Articles on LAX1	**1.** TRIM required LAX for binding to Rab8 in a complex, a novel CTLA-4/TRIM/LAX/Rab8 effector complex in the transport of CTLA-4 to the surfaces of T cells
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/lax1/422130