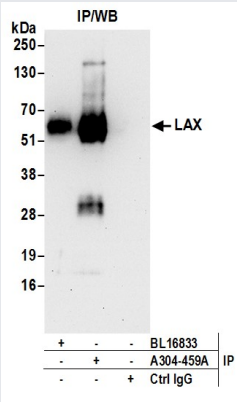
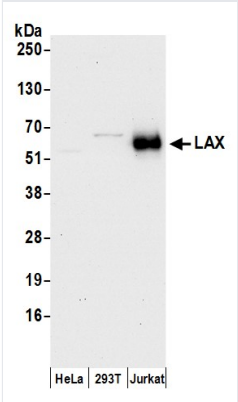
LAX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LAX, Polyclonal Antibody
Full Product Name	Rabbit anti-LAX Antibody, Affinity Purified
Product Gene Name	anti-LAX antibody
Product Synonym Gene Name	LAX1
Product Synonym Names	LAT-like membrane associated protein; LAX; linker for activation of x cells; lymphocyte transmembrane adapter 1; membrane-associated adapter protein LAX; Lymphocyte transmembrane adapter 1; lymphocyte transmembrane adaptor 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	42,491 Da
3D Structure	ModBase 3D Structure for Q8IWV1
Immunogen	Between 348 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-LAX antibody	Primary Antibodies
Applications Tested/Suitable for anti-LAX antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-LAX antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate
Related Product Information for anti-LAX antibody	LAX1 negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells and BCR (B-cell antigen receptor)-mediated signaling in B-cells [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8IWV1].
Other Notes	Small volumes of anti-LAX 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.
Searchable Terms for LAX purchase	MBS3904636 is an antibody targeting LAX. Also known as Rabbit anti-LAX Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunoprecipitation (IP) of anti-LAX antibody
Detection of human LAX by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-LAX antibody MBS3904636 (lot MBS3904636-1) used for IP at 6 ug per reaction. LAX was also immunoprecipitated by rabbit anti-LAX antibody BL16833. For blotting immunoprecipitated LAX, MBS3904636 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot (WB) of anti-LAX antibody
Detection of human LAX by western blot. Samples: Whole cell lysate (50 ug) prepared using RIPA buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-LAX antibody MBS3904636 (lot MBS3904636-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAX. 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 Primary Accession #	Q8IWV1
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	Transcription factor
UniProt Gene Name	LAX1
UniProt Synonym Gene Names	LAX
UniProt Entry Name	LAX1_HUMAN
NCBI Protein Information	lymphocyte transmembrane adapter 1
Research Articles on LAX	**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

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