

Datasheet for ABIN571118
anti-LAIR1 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	LAIR1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LAIR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	LAIR1
Immunogen:	Peptide with sequence C-NDTEDVSQASPSE, from the internal region of the protein sequence according to NP_002278.1, NP_068352.1.
Sequence:	NDTEDVSQAS PSE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both isoforms (NP_002278.1, NP_068352.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

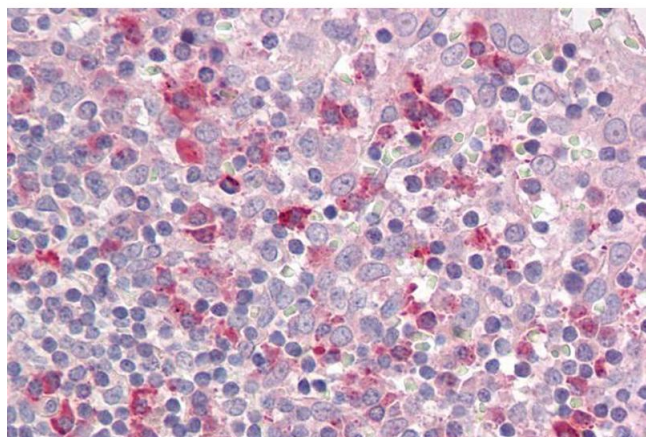
Target:	LAIR1
Alternative Name:	LAIR1 (LAIR1 Products)
Background:	LAIR1, leukocyte-associated immunoglobulin-like receptor 1, CD305, LAIR-1, leukocyte-associated Ig-like receptor 1
Gene ID:	3903
NCBI Accession:	NP_002278 , NP_068352

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx 28 kDa band observed in Human Lymph Node lysates (calculated MW of 29.8 kDa according to NP_068352.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:1000.</p>
Restrictions:	For Research Use only

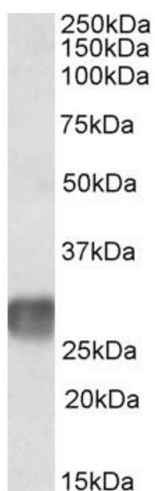
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571118 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571118 (2µg/ml) staining of Human Lymph Node lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.