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# Datasheet for ABIN2777116 anti-LAIR2 antibody (N-Term)

Image



#### Overview

Quantity:	100 μL
Target:	LAIR2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAIR2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LAIR2
Sequence:	SPHLTALLGL VLCLAQTIHT QEGALPRPSI SAEPGTVISP GSHVTFMCRG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against LAIR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	LAIR2
Alternative Name:	LAIR2 (LAIR2 Products)

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Target Details	
Background:	LAIR2 is a member of the immunoglobulin superfamily. It was identified by its similarity to
	LAIR1, an inhibitory receptor present on mononuclear leukocytes. This gene maps to a region of
	19q13.4, termed the leukocyte receptor cluster, which contains 29 genes in the immunoglobulin
	superfamily, including LAIR1. The function of this protein is unknown, although it is thought to
	be secreted and may help modulate mucosal tolerance. Two transcript variants encoding
	different isoforms have been found for this gene. The protein encoded by this gene is a
	member of the immunoglobulin superfamily. It was identified by its similarity to LAIR1, an
	inhibitory receptor present on mononuclear leukocytes. This gene maps to a region of 19q13.4,
	termed the leukocyte receptor cluster, which contains 29 genes in the immunoglobulin
	superfamily, including LAIR1. The function of this protein is unknown, although it is thought to
	be secreted and may help modulate mucosal tolerance. Two transcript variants encoding
	different isoforms have been found for this gene.
	Alias Symbols: CD306, MGC71634
	Protein Interaction Partner: EMILIN1, SGTA,
	Protein Size: 152
Molecular Weight:	16 kDa
Gene ID:	3904
NCBI Accession:	NM_002288, NP_002279
UniProt:	Q6ISS4

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 152 AA
Restrictions:	For Research Use only

## Handling

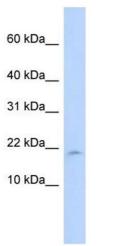
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide

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## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Images



#### Western Blotting

Image 1. WB Suggested Anti-LAIR2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate