

Datasheet for ABIN7269157

anti-PILRA antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	PILRA Rabbit pAb
Immunogen:	Recombinant protein of human PILRA.
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PILRA
Alternative Name:	PILRA (PILRA Products)
Background:	Cell signaling pathways rely on a dynamic interaction between activating and inhibiting

Target Details

processes. SHP-1-mediated dephosphorylation of protein tyrosine residues is central to the regulation of several cell signaling pathways. Two types of inhibitory receptor superfamily members are immunoreceptor tyrosine-based inhibitory motif (ITIM)-bearing receptors and their non-ITIM-bearing, activating counterparts. Control of cell signaling via SHP-1 is thought to occur through a balance between PILRalpha-mediated inhibition and PILRbeta-mediated activation. These paired immunoglobulin-like receptor genes are located in a tandem head-to-tail orientation on chromosome 7. This particular gene encodes the ITIM-bearing member of the receptor pair, which functions in the inhibitory role. Alternative splicing has been observed at this locus and three variants, each encoding a distinct isoform, are described.,PILRA,FDF03,PILRA

Molecular Weight:	34kDa
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Gene ID:	29992
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UniProt:	Q9UKJ1
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Application Details

Application Notes:	WB,1:500 - 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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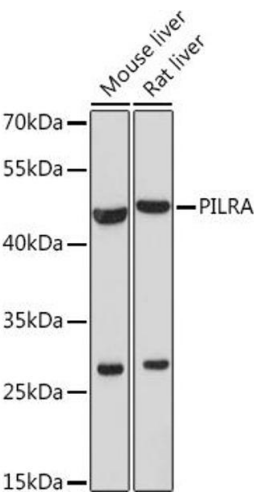
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PILRA Rabbit pAb (ABIN7269157) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.