

Datasheet for ABIN6258958  
**anti-LILRA2 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	LILRA2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human LILRA2, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	LILRA2 Antibody detects endogenous levels of total LILRA2.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	LILRA2
Alternative Name:	LILRA2 ( <a href="#">LILRA2 Products</a> )

## Target Details

Background:	<p>Description: Part of the innate immune responses against microbial infection (PubMed:12529506, PubMed:27572839). Specifically recognizes a set of N-terminally truncated immunoglobulins that are produced via cleavage by proteases from a range of pathogenic bacteria and fungi, including <i>L.pneumophila</i>, <i>M.hyorhinis</i>, <i>S.pneumoniae</i>, <i>S.aureus</i> and <i>C.albicans</i> (PubMed:27572839). Recognizes epitopes that are in part in the variable region of the immunoglobulin light chains, but requires also the constant region for signaling (PubMed:27572839). Binds to a subset of cleaved IgM, IgG3 and IgG4 Molecules, but does not bind cleaved IgA1 (PubMed:27572839). Binding of N-terminally truncated immunoglobulins mediates activation of neutrophils (PubMed:27572839). In monocytes, activation leads to the release of CSF2, CF3, IL6, CXCL8 and CCL3 and down-regulates responses to bacterial lipopolysaccharide (LPS), possibly via down-regulation of TLR4 expression and reduced signaling via TLR4 (PubMed:22479404). In eosinophils, activation by ligand binding leads to the release of RNASE2, IL4 and leukotriene C4 (PubMed:12529506). Does not bind class I MHC antigens (PubMed:19230061).</p> <p>Gene: LILRA2</p>
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Molecular Weight:	53 kDa
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Gene ID:	11027
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UniProt:	<a href="#">Q8N149</a>
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## Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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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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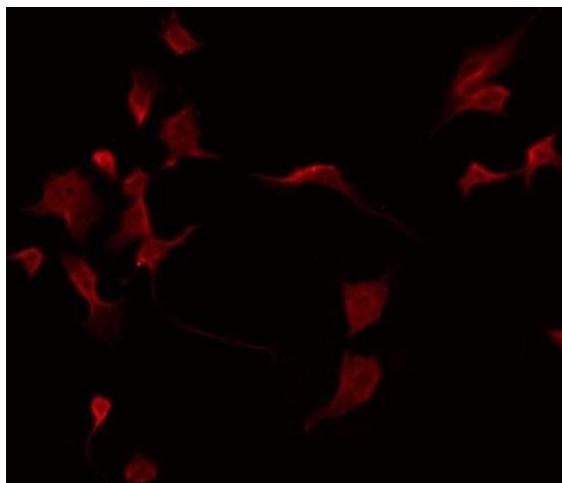
Storage:	-20 °C
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## Handling

Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

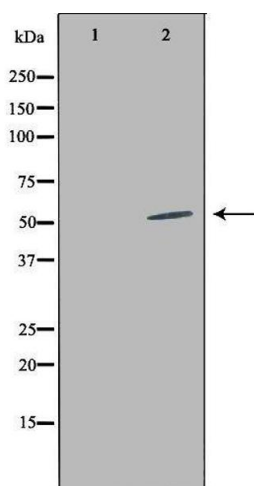
Expiry Date: 12 months

## Images



### Immunofluorescence (fixed cells)

**Image 1.** ABIN6275208 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



### Western Blotting

**Image 2.** Western blot analysis of extracts from HepG2 cells, using LILRA2 antibody. The lane on the left is treated with the antigen-specific peptide.