

Datasheet for ABIN6262537

**anti-Interleukin 17a antibody (Internal Region)**

3 Images

3 Publications

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Interleukin 17a (IL17A)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Interleukin 17a antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human IL17A, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	IL17A Antibody detects endogenous levels of total IL17A.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	Interleukin 17a (IL17A)
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## Target Details

Alternative Name:	IL17A ( <a href="#">IL17A Products</a> )
Background:	Description: Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines (PubMed:8676080). Gene: IL17A
Molecular Weight:	18kDa
Gene ID:	3605
UniProt:	<a href="#">Q16552</a>

## Application Details

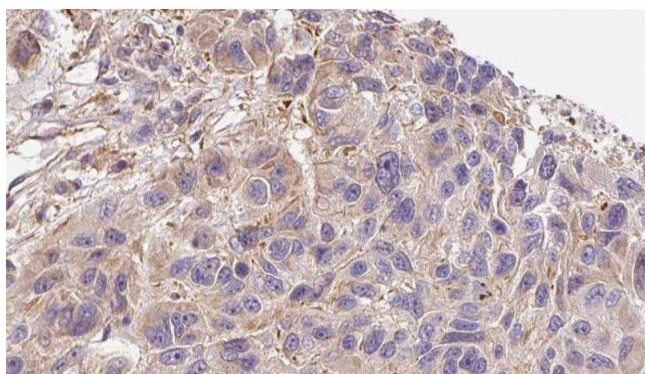
Application Notes:	WB 1:200-1:1500, IHC 1:50-1:200, IF/ICC 1:20-1:50, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

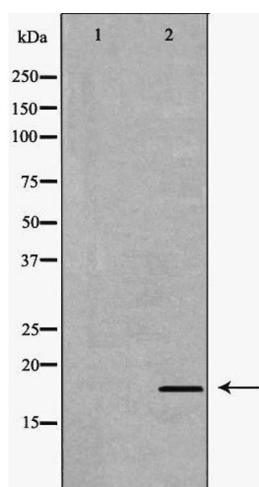
## Publications

Product cited in:	Zhu, Wang, Zhao, Zhang, Wu, Wang, Hu: "Rottlerin as a novel chemotherapy agent for adrenocortical carcinoma." in: <b>Oncotarget</b> , Vol. 8, Issue 14, pp. 22825-22834, (2017) ( <a href="#">PubMed</a> ).
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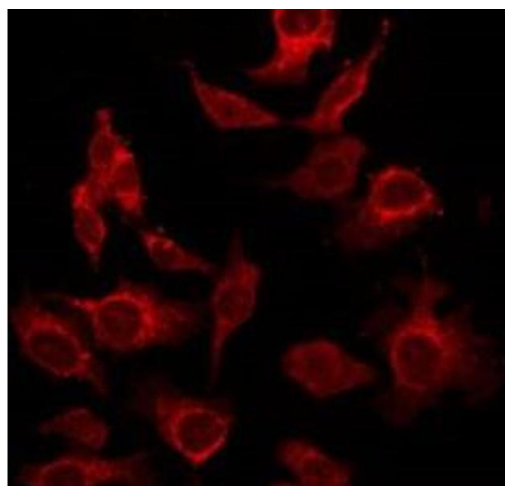
### Immunohistochemistry

**Image 1.** ABIN6276397 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 2.** Western blot analysis of extracts of HeLa, using IL17A antibody. The lane on the left is treated with the antigen-specific peptide.



### Immunofluorescence (fixed cells)

**Image 3.** ABIN6276397 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