

Datasheet for ABIN748178

## anti-IL22 Receptor alpha 1 antibody (AA 41-150)



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### Overview

Quantity:	100 µL
Target:	IL22 Receptor alpha 1 (IL22RA1)
Binding Specificity:	AA 41-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL22 Receptor alpha 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-22R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

### Target Details

Target:	IL22 Receptor alpha 1 (IL22RA1)
Alternative Name:	IL22RA1 ( <a href="#">IL22RA1 Products</a> )
Background:	Synonyms: IL22R, CRF2-9, IL22R1, Interleukin-22 receptor subunit alpha-1, IL-22 receptor

## Target Details

subunit alpha-1, IL-22R-alpha-1, IL-22RA1, Cytokine receptor class-II member 9, Cytokine receptor family 2 member 9, ZcytoR11, IL22RA1

Background: Component of the receptor for IL20, IL22 and IL24. Component of IL22 receptor formed by IL22RA1 and IL10RB enabling IL22 signaling via JAK/STAT pathways. IL22 also induces activation of MAPK1/MAPK3 and Akt kinases pathways. Component of one of the receptor for IL20 and IL24 formed by IL22RA1 and IL20RB also signaling through STATs activation. Mediates IL24 antiangiogenic activity as well as IL24 inhibitory effect on endothelial cell tube formation and differentiation.

Gene ID: 58985

UniProt: [Q8N6P7](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

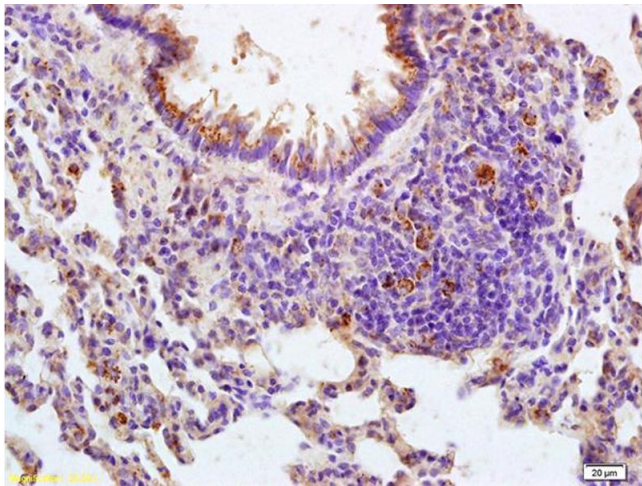
Expiry Date: 12 months

## Publications

Product cited in: Zhang, Kolonin: "Cytokine signaling regulating adipose stromal cell trafficking." in: **Adipocyte**, Vol. 5, Issue 4, pp. 369-374, (2016) ([PubMed](#)).

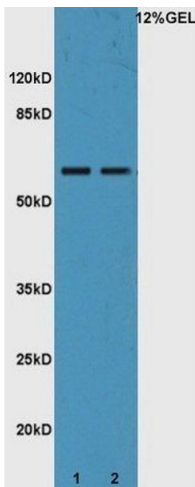
Guo, Wu, Cen, Li, Kong, Zhou: "IL-22-producing Th22 cells play a protective role in CVB3-induced chronic myocarditis and dilated cardiomyopathy by inhibiting myocardial fibrosis." in: **Virology journal**, Vol. 11, Issue 1, pp. 2511, (2014) ([PubMed](#)).

Images



Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-IL-22R Polyclonal Antibody, Unconjugated (ABIN748178) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

**Image 2.** Lane 1: mouse liver lysates Lane 2: mouse intestine probed with Rabbit Anti-IL-22R Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.