



Datasheet for ABIN499994

## anti-IL22 Receptor alpha 1 antibody (N-Term)



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### 2 Images

#### Overview

Quantity:	0.1 mg
Target:	IL22 Receptor alpha 1 (IL22RA1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	Human IL-22 Receptor (N-Terminus) Peptide
Isotype:	IgG
Specificity:	IL-22 receptor antibody was raised against a synthetic peptide corresponding to amino acids near the amino terminus of human IL-22 receptor precursor.
Purification:	Affinity chromatography purified via peptide column

#### Target Details

Target:	IL22 Receptor alpha 1 (IL22RA1)
Alternative Name:	IL22RA1 / IL22R ( <a href="#">IL22RA1 Products</a> )
Background:	A novel cytokine, designated IL-TIF for IL-10 related T cell-derived inducible factor and IL-22, was recently identified (1-3). The receptor for IL-22 (IL-22R, also termed CRF2-9 and IL-TIF-R1 chain) is a new member of the class II cytokine receptor family (3,4). IL-22R forms a complex

## Target Details

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with IL-10 receptor b chain and mediates IL-22 signaling. IL-22 and its receptor activate JAK-STAT signaling pathway. IL22R is expressed in normal liver and kidney and their cell lines HepG2 and TK-10. A soluble form of IL-22 receptor, also termed IL-22 binding protein (IL-22BP) and IL-22 receptor-a 2 (IL-22RA2), was identified very recently (5-7). IL-22BP prevents binding of IL-22 to the functional cell surface IL-22R complex and neutralizes IL-22 activity. LPS induces IL-22 expression, which indicates the role of IL-22 in inflammatory response. Synonyms: CRF2-9, Cytokine receptor class-II member 9, Cytokine receptor family 2 member 9, IL-22 receptor subunit alpha-1, IL-22R-alpha-1, IL-22RA1, Interleukin-22 receptor subunit alpha-1, ZcytoR11

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Gene ID: 58985

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UniProt: [Q8N6P7](#)

## Application Details

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Application Notes: ELISA. Western Blot: 0.5 to 1 µg/mL. An approximately 62 kDa band can be detected.  
Immunocytochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

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Restrictions: For Research Use only

## Handling

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Buffer: PBS containing 0.02 % sodium azide.

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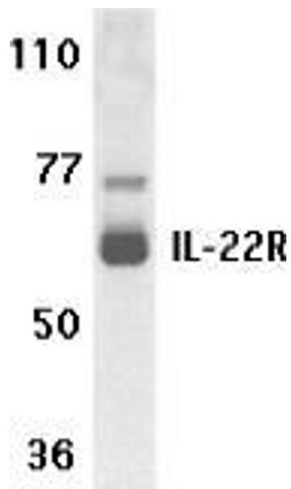
Preservative: Sodium azide

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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: 4 °C



#### Western Blotting

**Image 1.** Western blot analysis of IL-22 receptor expression in human HepG2 cell lysate with AP30417PU-N IL-22 receptor antibody at 1  $\mu$ g/ml.



#### Immunofluorescence

**Image 2.** Immunocytochemistry of IL-22 receptor in HepG2 cells with AP30417PU-N IL-22 receptor antibody at 10  $\mu$ g/ml.