

Rabbit anti-Human, Rat IL-22 Receptor Polyclonal Antibody | anti-IL22RA1 antibody

IL-22 Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40330	Rabbit	Human, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

IL-22 Receptor; Polyclonal Antibody; IL-22 Receptor Antibody; IL22R; CRF2-9; IL22R1; Interleukin-22 receptor subunit alpha-1; Cytokine receptor class-II member 9; IL-22 receptor subunit alpha-1; interleukin 22 receptor; alpha 1; anti-IL22RA1 antibody

PRODUCT SPECIFICATIONS

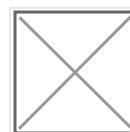
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL-22 Receptor Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2795
Applicable Applications for anti-IL22RA1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-22 receptor antibody was raised against a synthetic peptide corresponding to amino acids near the amino terminus of human IL-22 receptor precursor.
Buffer	IL-22 Receptor Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-22 Receptor antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of IL-22R in rat kidney tissue with IL-22R antibody at 20 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of IL-22 receptor in HepG2 cells with IL-22 receptor antibody at 10 μg/mL.

**IF (Immunofluorescence)**

Immunofluorescence of IL-22 receptor in HepG2 cells with IL-22 receptor antibody at 10 µg/mL.

**IHC (Immunohistochemistry)**

Immunohistochemistry of IL-22R in rat kidney tissue with IL-22R antibody at 5 µg/mL.

**WB (Western Blot)**

Western blot analysis of IL-22 receptor expression in human HepG2 cell lysate with IL-22 receptor antibody at (A) 0.5 and (B) 1 µg/mL.

ADDITIONAL INFORMATION**Related Product Information for anti-IL22RA1 antibody**

IL-22 Receptor Antibody: A novel cytokine, designated IL-TIF for IL-10 related T cell-derived inducible factor and IL-22, was recently identified. 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. IL-22R forms a complex with IL-10 receptor beta 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-alpha 2 (IL-22RA2), was identified very recently. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10719607
NCBI GeneID	58985
UniProt Accession #	Q8N6P7; Q9HB22; A8K839; B2R9Y9
Molecular Weight	Predicted: 63 kDa Observed: 62 kDa
NCBI Official Full Name	Homo sapiens IL-22 receptor (IL22R) mRNA, complete cds
NCBI Official Synonym Full Names	interleukin 22 receptor, alpha 1
NCBI Official Symbol	IL22RA1
NCBI Official Synonym Symbols	IL22R; CRF2-9; IL22R1
NCBI Protein Information	interleukin-22 receptor subunit alpha-1; IL-22RA1; zcytoR11; IL-22R-alpha-1; IL-22 receptor subunit alpha-1; cytokine receptor class-II member 9; cytokine receptor family 2 member 9
UniProt Protein Name	Interleukin-22 receptor subunit alpha-1
UniProt Gene Name	IL22RA1
UniProt Synonym Gene Names	IL22R; IL-22 receptor subunit alpha-1; IL-22R-alpha-1; IL-22RA1; CRF2-9
UniProt Entry Name	I22R1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-22-receptor-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40330>