

Rabbit IL22 Receptor Alpha Polyclonal Antibody | anti-IL22RA1 antibody

IL22 Receptor Alpha Antibody

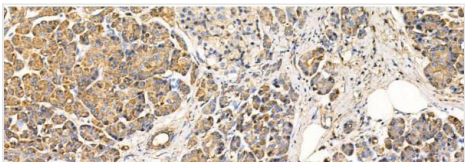
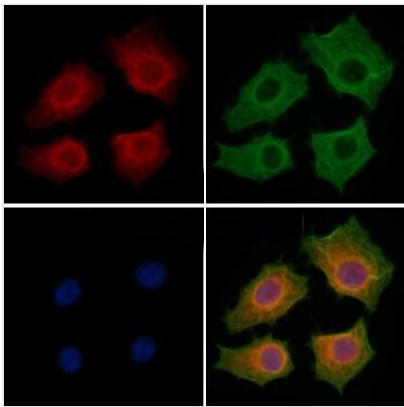
CATALOG # AAA31207	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IL22 Receptor Alpha; Polyclonal Antibody; IL22 Receptor Alpha Antibody; CRF2 9; CRF2-9; Cytokine receptor class-II member 9; cytokine receptor classII member 9; Cytokine receptor family 2 member 9; I22R1_HUMAN; IL-22 receptor subunit alpha-1; IL-22R-alpha-1; IL-22RA1; IL22R; IL22R1; IL22ra1; ILTIF R1 chain; Interleukin 22 Receptor alpha 1; Interleukin 22 Receptor; Interleukin-22 receptor subunit alpha-1; ZcytoR11; anti-IL22RA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IL22 Receptor Alpha Antibody detects endogenous levels of total IL22 Receptor Alpha.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	574
Applicable Applications for anti-IL22RA1 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000 The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human IL22 Receptor Alpha, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

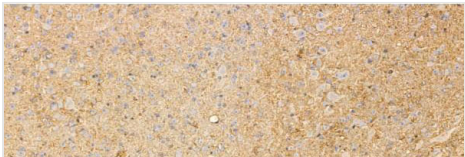


IHC (Immunohistochemistry-Paraffin)
AAA31207 at 1/100 staining Human pancreatic cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

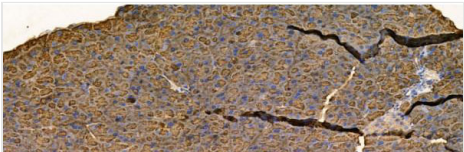
IF (Immunofluorescence)
AAA31207 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Â°C. Samples were then incubated with primary Ab(AAA31207) and mouse anti-beta tubulin Ab for 1 hour at 37Â°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



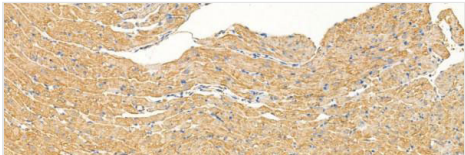
IHC (Immunohistochemistry-Paraffin)
AAA31207 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31207 at 1/100 staining Mouse brain 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31207 at 1/100 staining Rat heart 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31207 at 1/100 staining Rat heart 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL22RA1 antibody	Function: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31317239
NCBI GeneID	58985
NCBI Accession #	NP_067081.2
NCBI GenBank Nucleotide #	NP_067081.2

UniProt Accession #	Q8N6P7
Molecular Weight	63kDa.
NCBI Official Full Name	interleukin-22 receptor subunit alpha-1
NCBI Official Synonym Full Names	interleukin 22 receptor subunit alpha 1
NCBI Official Symbol	IL22RA1
NCBI Official Synonym Symbols	IL22R; CRF2-9; IL22R1
NCBI Protein Information	interleukin-22 receptor subunit alpha-1
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/il22-receptor-alpha-antibody-elisa/31207>