Anti-I22R1 antibody

Description	Unconjugated Rabbit polyclonal to I22R1

Model	STJ192031
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	58985
Gene Symbol	IL22RA1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	I22R1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in colon, liver, lung, pancreas and kidney. No expression in immune cells such as monocytes, T-cells, and NK-cells. Expressed in keratinocytes of normal skin as well as in psoriatic skin lesion. Detected in normal blood brain barrier endothelial cells as well as in multiple sclerosis lesions; Strongly expressed on central nervous system vessels within infiltrated multiple sclerosis lesions. Overexpressed in synovial fluid cells from rheumatoid arthritis and spondyloarthropathy patients.
Purification	I22R1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Interleukin-22 receptor subunit alpha-1 IL-22 receptor subunit alpha-1 IL-22R-alpha-1 IL-22RA1 Cytokine receptor class-II member 9 Cytokine receptor family 2 member 9 CRF2-9 ZcytoR11

Molecular Weight	63 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13700OMIM:605457
Alternative Names	Interleukin-22 receptor subunit alpha-1 IL-22 receptor subunit alpha-1 IL-22R-alpha-1 IL-22RA1 Cytokine receptor class-II member 9 Cytokine receptor family 2 member 9 CRF2-9 ZcytoR11
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.
Cellular Localization	Membrane. Single-pass type I membrane protein.