I22R1 Polyclonal Antibody

Catalog No	YP-Ab-06792
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	IL22RA1 IL22R
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	I22R1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL22RA1;CRF2 9;Cytokine receptor class-II member 9;IL 22 receptor subunit alpha 1;IL 22R alpha 1;I22R1;IL22RA1 IL22R;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)
Observed Band	63 kDa
Calculated Molecular Weight	574 aa, 63 kDa
Cell Pathway	Membrane; Single-pass type I membrane 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.
Function	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.,induction:By interferon-gamma in keratinocytes., miscellaneous:Failure of medical and surgical therapy in Chronic rhinosinusitis with nasal polyps is associated with decreased expression of IL22RA1., similarity:Belongs to the type II cytokine receptor family.,similarity:Contains 2 fibronectin type-III domains.,subunit:Heterodimer with IL10RB and with IL20RB. IL22 binding to heterodimer is greater than binding to IL22
Background	The protein encoded by this gene belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10BR/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images