

IL23R Polyclonal Antibody

Catalog No :	YN2207
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	IL23R
Fields :	>>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway;>>Th17 cell differentiation;>>Pathways in cancer;>>Inflammatory bowel disease
Gene Name :	IL23R
Protein Name :	Interleukin-23 receptor (IL-23 receptor) (IL-23R)
Human Gene Id :	149233
Human Swiss Prot No :	Q5VWK5
Mouse Swiss Prot No :	Q8K4B4
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	IL23R Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 69kD

Cell Pathway : Cytokine-cytokine receptor interaction;Jak_STAT;

Background : The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner. [provided by RefSeq, Jul 2008],

Function : disease:Genetic variation in IL23R is associated with inflammatory bowel disease type 17 (IBD17) [MIM:612261]. Inflammatory bowel disease (IBD) is a form of remitting Crohn disease (CD). CD may involve any part of the gastrointestinal tract, but most frequently the terminal ileum and colon. Bowel inflammation is transmural and discontinuous. CD is commonly classified as an autoimmune disease.,disease:Genetic variation in IL23R is associated with susceptibility to psoriasis [MIM:177900]. Psoriasis is a chronic inflammatory dermatosis that affects approximately 2% of the population. It is characterized by red, scaly skin lesions that are usually found on the scalp, elbows and knees, and may be associated with severe arthritis. The lesions are caused by hyperproliferative keratinocytes and infiltration of inflammatory cells into the dermis and epidermis. The usual age of onset of psoriasis

Subcellular Location : Cell membrane ; Single-pass type I membrane protein .

Expression : Expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells.

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