

IL23A rabbit pAb

Catalog No :	YT7880
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	IL23A
Fields :	>>Cytokine-cytokine receptor interaction;>>C-type lectin receptor signaling pathway;>>JAK-STAT signaling pathway;>>Th17 cell differentiation;>>Pertussis;>>Tuberculosis;>>Pathways in cancer;>>Inflammatory bowel disease;>>Rheumatoid arthritis
Gene Name :	IL23A
Protein Name :	IL23A
Human Swiss Prot No :	Q9NPF7
Immunogen :	Synthesized peptide derived from human IL23A
Specificity :	This antibody detects endogenous levels of Human IL23A
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 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)
Molecularweight :	21kD

Background : developmental stage:Expressed by newborns dendritic cells.,function:Associates with IL12B to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.,induction:Up-regulated by a wide array of pathogens and pathogen-products together with self-signals for danger or injury. Up-regulated in psoriatic dermal tissues, in dendritic cells of multiple sclerosis patients and in tumors.,similarity:Belongs to the IL-6 superfamily.,subcellular location:Secreted upon association with IL12B.,subunit:Heterodimer with IL12B; disulfide-linked. The heterodimer is known as interleukin IL-23.,tissue specificity:Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).,

Function : cell activation, defense response, inflammatory response, immune response, cell proliferation, response to wounding,response to virus, mononuclear cell proliferation, T cell proliferation, T cell activation, innate immune response,leukocyte activation, lymphocyte activation, lymphocyte proliferation, tissue remodeling, leukocyte proliferation,

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Expression : Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).

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