

IL-19 Polyclonal Antibody

Catalog No :	YT5895
Reactivity :	Human;Rat
Applications :	WB;IHC;IF;ELISA
Target :	IL-19
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>JAK-STAT signaling pathway
Gene Name :	IL19 ZMDA1
Protein Name :	Interleukin-19 (IL-19) (Melanoma differentiation-associated protein-like protein) (NG.1)
Human Gene Id :	29949
Human Swiss Prot No :	Q9UHD0
Mouse Gene Id :	329244
Mouse Swiss Prot No :	Q8CJ70
Immunogen :	Synthetic peptide from human protein at AA range: 51-100
Specificity :	The antibody detects endogenous IL-19
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000,IHC 1:500-200, ELISA 1:10000-20000. IF 1:50-200
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 : 20kD

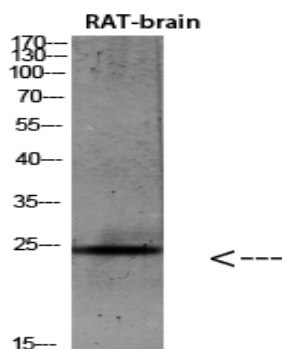
Cell Pathway : Cytokine-cytokine receptor interaction;Jak_STAT;

Background : The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described. [provided by RefSeq, Jul 2008],

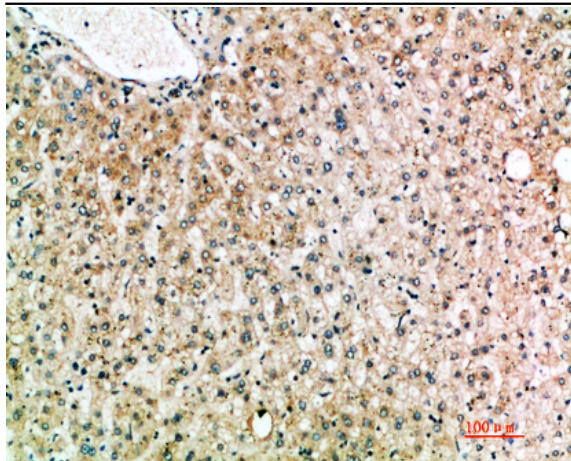
Function : function:May play some important roles in inflammatory responses. Up-regulates IL-6 and TNF-alpha and induces apoptosis.,similarity:Belongs to the IL-10 family.,

Subcellular Location : Secreted.

Products Images



Western blot analysis of 293T Hela VEC KB mouse-kidney lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200