

IL-1F8 Polyclonal Antibody

Catalog No :	YT5512
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	IL-1F8
Fields :	>>Cytokine-cytokine receptor interaction
Gene Name :	IL36B
Protein Name :	Interleukin-36 beta
Human Gene Id :	27177
Human Swiss Prot No :	Q9NZH7
Mouse Gene Id :	69677
Mouse Swiss Prot No :	Q9D6Z6
Immunogen :	The antiserum was produced against synthesized peptide derived from the C-terminal region of human IL36B. AA range:111-160
Specificity :	IL-1F8 Polyclonal Antibody detects endogenous levels of IL-1F8 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. 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 : 19kD

Background :

The protein encoded by this gene is a member of the interleukin 1 cytokine family. Protein structure modeling indicated that this cytokine may contain a 12-stranded beta-trefoil structure that is conserved between IL1A (IL-A alpha) and IL1B (IL-1 beta). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],

Function :

online information:Interleukin-1 entry,similarity:Belongs to the IL-1 family.,tissue specificity:Expression at low levels in tonsil, bone marrow, heart, placenta, lung, testis and colon but not in other tissues or in any hematopoietic cell lines.,

Subcellular Location :

Cytoplasm . Secreted . The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion. .

Expression :

Expression at low levels in tonsil, bone marrow, heart, placenta, lung, testis and colon but not in any hematopoietic cell lines. Not detected in adipose tissue. Expressed at higher levels in psoriatic plaques than in symptomless psoriatic skin or healthy control skin. Increased levels are not detected in inflamed joint tissue.

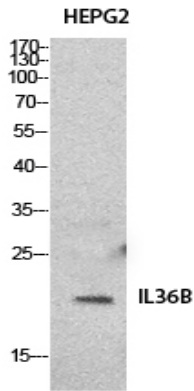
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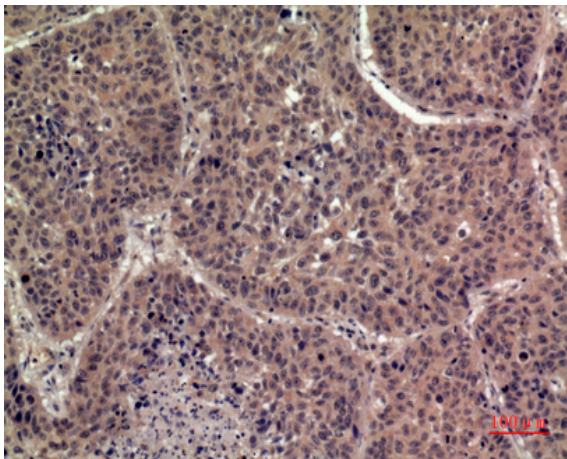
Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of HepG2 cells using IL-1F8 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100