



产品详情

IL-6 Rabbit Polyclonal Antibody

产品货号	产品名称	储存条件	保质期
IM56635	IL-6 Rabbit Polyclonal Antibody	-20℃	1年

产品概述:

产品货号	IM56635
别名	IL6; IFNB2; Interleukin-6; IL-6; B-cell stimulatory factor 2; BSF-2; CTL differentiation factor; CDF; Hybridoma growth factor; Interferon beta-2; IFN-beta-2.
产品名称	IL-6 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	IL6
蛋白名称	Interleukin-6
Clonality	Polyclonal
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human, Mouse, Rat
同源性	Macaca fascicularis (96.70%)
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	3569

Human Swissprot No.	P05231
Mouse Swissprot No.	P08505
免疫原	The antiserum was produced against synthesized peptide derived from the Internal region of human IL6. AA range:131-180.
特异性	IL-6 Polyclonal Antibody detects endogenous levels of IL-6 protein.
稀释度	WB 1:500-1:2000, IHC-P 1:100-300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:100-300, Not yet tested in other applications.
预测分子量	23kDa
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015].
组织表达	Produced by skeletal muscle.
细胞定位	Secreted.

<p>信号通路</p>	<p>Cytokine-cytokine receptor interaction;Toll_Like;NOD-like receptor;Cytosolic DNA-sensing pathway;Jak_STAT;Hematopoietic cell lineage;Intestinal immune network for IgA production;Prion diseases;Pathways in cancer;Graft-versus-host disease;Hypertrophic cardiomyopathy (HCM).</p>
<p>功能</p>	<p>Disease:At least 1 polymorphism in the IL6 gene renders HIV-infected men susceptible to Kaposi sarcoma[MIM:148000].Kaposi sarcoma is a sarcoma of spindle cells mixed with angiomatous tissue.A relatively rare malignant skin tumor that results in multifocal purplish coloured papules or plaques that eventually form nodules.Most commonly seen in patients who suffer from AIDS.disease:Genetic variations in IL6 are associated with susceptibility to systemic juvenile rheumatoid arthritis[MIM:604302].Systemic juvenile rheumatoid arthritis is juvenile chronic arthritis associated with severe, debilitating, extraarticular features, and occasionally fatal complications.Despite medical treatment,many children still experience early joint destruction,necessitating surgical replacement.function:IL-6 is a cytokine with a wide variety of biological functions:it plays an essential role in the final differentiation of B-cells into Ig-secreting cells,it induces myeloma and plasmacytoma growth,it induces nerve cells differentiation,in hepatocytes it induces acute phase reactants. online information:Interleukin-6 entry,online information:The Singapore human mutation and polymorphism database,polymorphism: Genetic variations in IL6 may be correlated with bone mineral density (BMD).Low BMD is a risk factor for osteoporotic fracture. Osteoporosis is characterized by reduced bone mineral density, disruption of bone microarchitecture,and the alteration of the amount and variety of non-collagenous proteins in bone.Osteoporotic</p>

功能	bones are more at risk of fracture.PTM:N-and O-glycosylated. similarity:Belongs to the IL-6 superfamily.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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