

产品名称: IL-1 α Rabbit Polyclonal Antibody
产品货号: APRab12528



产品概述 (Summary)

产品名称 (Production Name)	IL-1 α Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IL1A
别名 (Alternative Names)	IL1A; IL1F1; Interleukin-1 alpha; IL-1 alpha; Hematopoietin-1
基因 ID (Gene ID)	3552.0
蛋白 ID (SwissProt ID)	P01583. The antiserum was produced against synthesized peptide derived from human IL-1 α . AA range: 8-57

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

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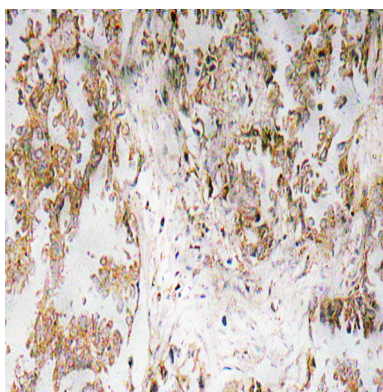
The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease. [provided by RefSeq, Jul 2008], domain: The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function., function: Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells., online information: Interleukin-1 entry, online information: The Singapore human mutation and polymorphism database, similarity: Belongs to the IL-1 family., subcellular location: The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins., subunit: Monomer.,

研究领域 (Research Area)

MAPK_ERK_Growth; MAPK_G_Protein; Cytokine-cytokine receptor

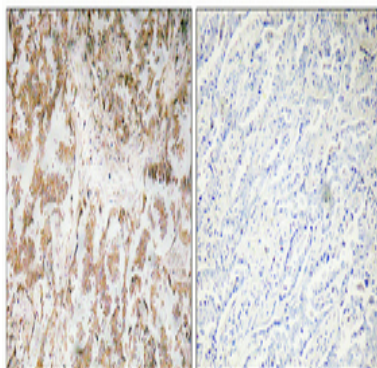
interaction; Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview; Hematopoietic cell lineage; Type I diabetes mellitus; Prion diseases; Graft-versus-host disease;

图片 (Image Data)



Immunohistochemistry analysis of IL-1 α antibody in paraffin-embedded human lung carcinoma tissue.

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Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .