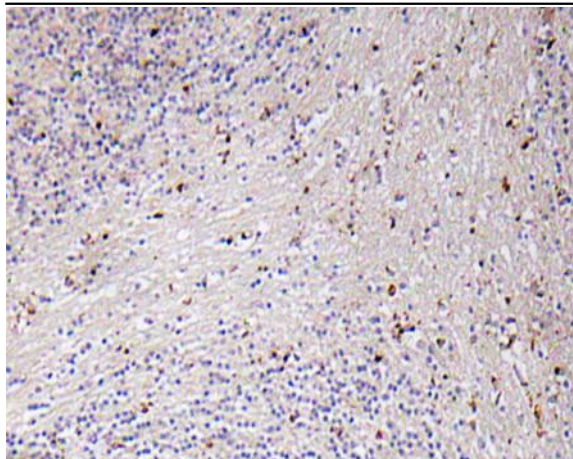


GRO α Polyclonal Antibody

Catalog No :	YT2074
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	GRO α
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>NF-kappa B signaling pathway;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Alcoholic liver disease;>>Epithelial cell signaling in Helicobacter pylori infection;>>Legionellosis;>>Amoebiasis;>>Kaposi sarcoma-associated herpesvirus infection;>>Rheumatoid arthritis;>>Lipid and atherosclerosis
Gene Name :	CXCL1
Protein Name :	Growth-regulated alpha protein
Human Gene Id :	2919
Human Swiss Prot No :	P09341
Mouse Gene Id :	14825
Mouse Swiss Prot No :	P12850
Rat Gene Id :	81503
Rat Swiss Prot No :	P14095
Immunogen :	The antiserum was produced against synthesized peptide derived from human GRO α . AA range:39-88
Specificity :	GRO α Polyclonal Antibody detects endogenous levels of GRO α protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. 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)
Molecularweight :	11kD
Cell Pathway :	Cytokine-cytokine receptor interaction;Chemokine;NOD-like receptor;Epithelial cell signaling in Helicobacter pylori infection;
Background :	This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq, Sep 2014],
Function :	function:Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chemotactic activity.,online information:CXCL1 entry,PTM:N-terminal processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) are produced by proteolytic cleavage after secretion from peripheral blood monocytes.,similarity:Belongs to the intercrine alpha (chemokine CxC) family.,
Subcellular Location :	Secreted.
Expression :	Blood,Ovary,Peripheral blood monocyte,Placenta,Skin,

Products Images



Immunohistochemistry analysis of GRO α antibody in paraffin-embedded human brain tissue.