

IP-10 Polyclonal Antibody

Catalog No :	YT2379
Reactivity :	Human;Pig;chiken
Applications :	IHC;IF;ELISA
Target :	IP-10
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>Toll-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>Cytosolic DNA-sensing pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Hepatitis C;>>Influenza A;>>Epstein-Barr virus infection;>>Coronavirus disease - COVID-19
Gene Name :	CXCL10
Protein Name :	C-X-C motif chemokine 10
Human Gene Id :	3627
Human Swiss Prot No :	P02778
Mouse Swiss Prot No :	P17515
Immunogen :	Synthesized peptide derived from IP-10 . at AA range: 20-100
Specificity :	IP-10 Polyclonal Antibody detects endogenous levels of IP-10 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: 1:40000.. 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;Toll_Like;RIG-I-like receptor;Cytosolic DNA-sensing pathway;
Background :	C-X-C motif chemokine ligand 10(CXCL10) Homo sapiens This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by RefSeq, Sep 2014],
Function :	function:Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3.,induction:By interferon gamma. A diverse population of cell types rapidly increases transcription of mRNA encoding this protein. This suggests that gamma-induced protein may be a key mediator of the interferon gamma response.,mass spectrometry: PubMed:11559369,online information: CXCL10 entry,PTM: CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.,similarity:Belongs to the intercrine alpha (chemokine CxC) family.,
Subcellular Location :	Secreted .
Expression :	Mainly secreted by monocytes, endothelial cells as well as fibroblasts. Expressed by epithelial cells in thymus (PubMed:11157474). Microglial cells produce CXCL10 in response to viral stimulation (PubMed:12663757).

Products Images



Immunohistochemical analysis of paraffin-embedded chicken tissue, the picture was kindly provided by our customer.