

## IP-10 Polyclonal Antibody

<b>Catalog No :</b>	YT2379
<b>Reactivity :</b>	Human;Pig;chiken
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	IP-10
<b>Fields :</b>	>>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
<b>Gene Name :</b>	CXCL10
<b>Protein Name :</b>	C-X-C motif chemokine 10
<b>Human Gene Id :</b>	3627
<b>Human Swiss Prot No :</b>	P02778
<b>Mouse Swiss Prot No :</b>	P17515
<b>Immunogen :</b>	Synthesized peptide derived from IP-10 . at AA range: 20-100
<b>Specificity :</b>	IP-10 Polyclonal Antibody detects endogenous levels of IP-10 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	11kD
<b>Cell Pathway :</b>	Cytokine-cytokine receptor interaction;Chemokine;Toll_Like;RIG-I-like receptor;Cytosolic DNA-sensing pathway;
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Secreted .
<b>Expression :</b>	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).
<b>Tag :</b>	orthogonal
<b>Sort :</b>	8633
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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**Products Images**

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



**CXCR3 10X**



**CXCL10 10X**