

## IL-8RA Polyclonal Antibody

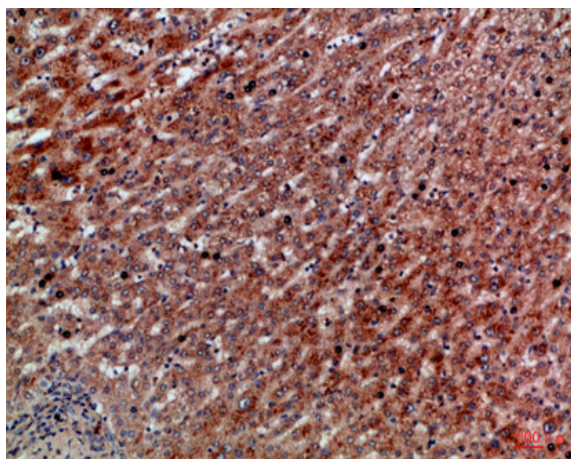
<b>Catalog No :</b>	YT6039
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	IL-8RA
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>Phospholipase D signaling pathway;>>Endocytosis;>>Epithelial cell signaling in Helicobacter pylori infection
<b>Gene Name :</b>	CXCR1 CMKAR1 IL8RA
<b>Protein Name :</b>	C-X-C chemokine receptor type 1 (CXC-R1) (CXCR-1) (CDw128a) (High affinity interleukin-8 receptor A) (IL-8R A) (IL-8 receptor type 1) (CD antigen CD181)
<b>Human Gene Id :</b>	3577
<b>Human Swiss Prot No :</b>	P25024
<b>Mouse Gene Id :</b>	227288
<b>Mouse Swiss Prot No :</b>	Q810W6
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 1-50
<b>Specificity :</b>	The antibody detects endogenous IL-8RA
<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>	WB 1:500-2000 IHC 1:50-200, ELISA 1:10000-20000. 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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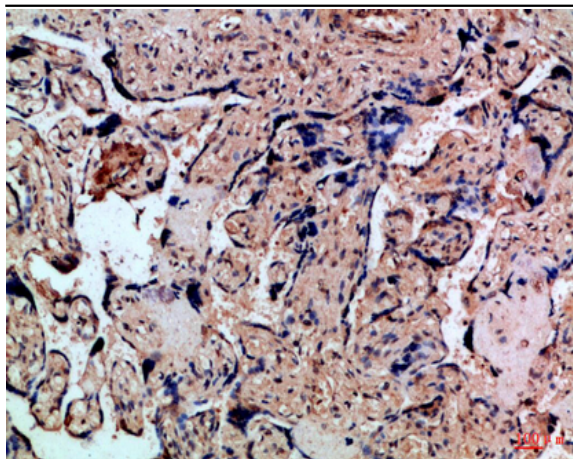
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	40kD
<b>Cell Pathway :</b>	Cytokine-cytokine receptor interaction;Chemokine;Endocytosis;Epithelial cell signaling in Helicobacter pylori infection;
<b>Background :</b>	C-X-C motif chemokine receptor 1(CXCR1) Homo sapiens The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity.,online information:CXC chemokine receptors entry,similarity:Belongs to the G-protein coupled receptor 1 family.,
<b>Subcellular Location :</b>	Cell membrane; Multi-pass membrane protein.
<b>Expression :</b>	Blood,Placenta,

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## Products Images



Immunohistochemical analysis of paraffin-embedded Human-liver-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-placenta, antibody was diluted at 1:100