

## ENA-78 Polyclonal Antibody

<b>Catalog No :</b>	YT5961
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	ENA-78
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Pertussis;>>Rheumatoid arthritis
<b>Gene Name :</b>	CXCL5 ENA78 SCYB5
<b>Protein Name :</b>	C-X-C motif chemokine 5 (ENA-78(1-78)) (Epithelial-derived neutrophil-activating protein 78) (Neutrophil-activating peptide ENA-78) (Small-inducible cytokine B5) [Cleaved into: ENA-78(8-78); ENA-78(9-
<b>Human Gene Id :</b>	6374
<b>Human Swiss Prot No :</b>	P42830
<b>Mouse Gene Id :</b>	20311
<b>Mouse Swiss Prot No :</b>	P50228
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 65-114
<b>Specificity :</b>	The antibody detects endogenous ENA-78
<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 1:50-200, 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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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Cell Pathway :** Cytokine-cytokine receptor interaction;Chemokine;

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**Background :** This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion. [provided by RefSeq, May 2013],

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**Function :** function:Involved in neutrophil activation. In vitro, ENA-78(8-78) and ENA-78(9-78) show a threefold higher chemotactic activity for neutrophil granulocytes.,online information:CXCL5 entry,PTM:N-terminal processed forms ENA-78(8-78) and ENA-78(9-78) are produced by proteolytic cleavage after secretion from peripheral blood monocytes.,similarity:Belongs to the intercrine alpha (chemokine Cx) family.,

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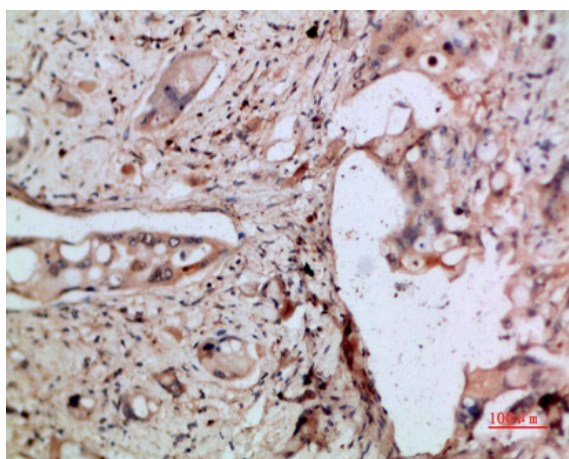
**Subcellular Location :** Secreted.

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**Expression :** Bladder,Epithelium,Kidney,Peripheral blood monocyte,Platelet,

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## Products Images



Immunohistochemical analysis of paraffin-embedded human-pancreas-cancer, antibody was diluted at 1:200