

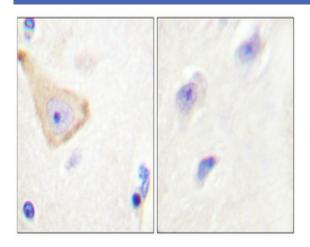
## IL-3Rβ (phospho Tyr593) Polyclonal Antibody

Catalog No :	YP0639
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	IL-3Rβ
Fields :	>>Cytokine-cytokine receptor interaction;>>Apoptosis;>>JAK-STAT signaling pathway;>>Pathways in cancer
Gene Name :	CSF2RB
Protein Name :	Cytokine receptor common subunit beta
Human Gene Id :	1439
Human Swiss Prot No :	P32927
Mouse Gene Id :	12983
Mouse Swiss Prot	P26955
No : Immunogen :	The antiserum was produced against synthesized peptide derived from human IL-3R beta around the phosphorylation site of Tyr593. AA range:559-608
Specificity :	Phospho-IL-3Rβ (Y593) Polyclonal Antibody detects endogenous levels of IL-3Rβ protein only when phosphorylated at Y593.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. 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.



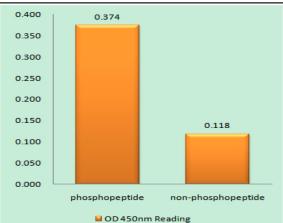
Best Tools for immunology Research		
<b>Concentration :</b>	1 mg/ml	
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)	
Observed Band :	125kD	
Cell Pathway :	Cytokine-cytokine receptor interaction;Apoptosis_Inhibition;Apoptosis_Mitochon drial;Apoptosis_Overview;Jak_STAT;	
Background :	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq, Jul 2008],	
Function :	disease:Defects in CSF2RB are a cause of congenital pulmonary alveolar proteinosis (PAP) [MIM:265120]. PAP is an autosomal recessive fatal respiratory disease.,domain:The box 1 motif is required for JAK interaction and/or activation.,domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,function:High affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor.,similarity:Belongs to the type I cytokine receptor family. Type 4 subfamily.,similarity:Contains 2 fibronectin type- III domains.,subunit:Heterodimer of an alpha and a beta subunit. The beta subunit is common to the IL3, IL5 and GM-CSF receptors.,	
Subcellular	Membrane; Single-pass type I membrane protein.	
Location :	Placenta	
Expression :	Placenta,	

## **Products Images**

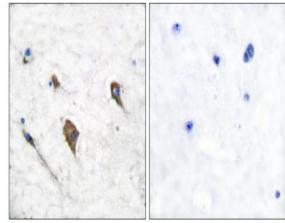


Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

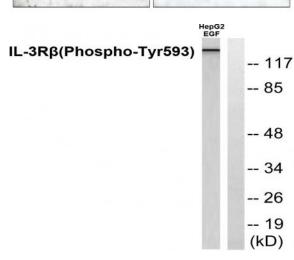




Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IL-3R beta (Phospho-Tyr593) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using IL-3R beta (Phospho-Tyr593) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from RAW264.7 cells treated with G-CSF 25ng/ml 15', using IL-3R beta (Phospho-Tyr593) Antibody. The lane on the right is blocked with the phospho peptide.