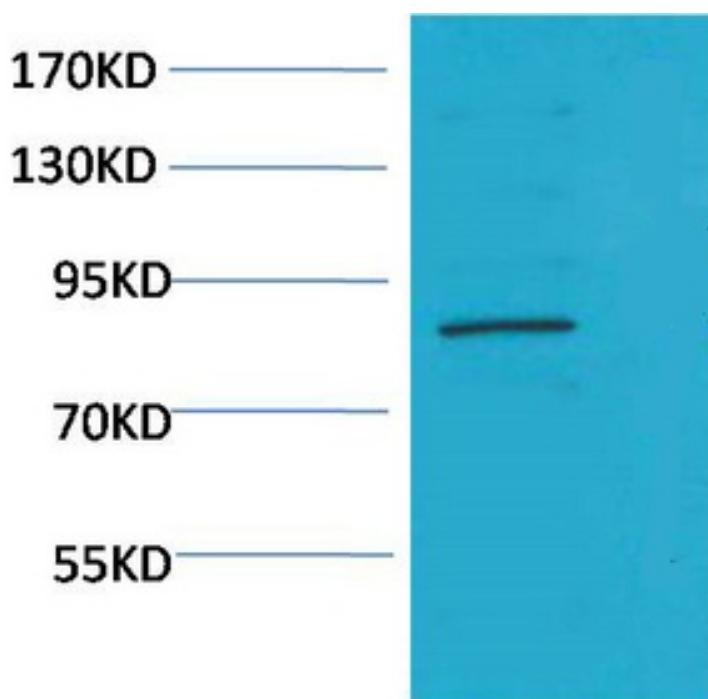


Applications:	WB,IHC-p
Reactivity:	,Human
Purification:	The antibody was affinity-purified from rabbit antiserum by specific immunogen.
Immunogen:	Synthesized peptide derived from human Stat5a around the C-terminus.
Specificity/Sensitivity:	The antibody detects endogenous Stat5a protein.
Other Names:	STAT5A; STAT5; Signal transducer and activator of transcription 5; Transcription factor STAT5a
Storage/Stability:	Stability:-20°C/1 year
Source:	Rabbit
Form of Antibody:	name:Stat5a Polyclonal Antibody



	Western blot analysis of K562 using Stat5a Polyclonal Antibody at 1:20000.
Gene Name:	STAT5AProtein Name:Signal transducer and activator of transcription 5A Human Gene Id:6776 Human Swiss Prot No:P42229 Mouse Swiss Prot No:P42230
Dilution:	Western Blot: 1/500 - 1/2000.IHC-p:1:50-300. Not yet tested.
Background:	signal transducer and activator of transcription 5A(STAT5A) by this gene is a member of the STAT family of transcription factors. STAT family members are phosphorylated by tyrosine kinases, and then form homo- or heterodimers that translocate to the nucleus as transcription activators. This protein is activated by, and binds to, various ligands, such as IL2, IL3, IL7, GM-CSF, erythropoietin, thrombopoietin, and other growth hormones. Activation of this protein in myeloma and lymphoma cells is independent of cell stimulus and has been shown to be involved in tumorigenesis. Function:Carries out a dual function: transcription and signal transduction. Binds to the GAS element and activates PRL-induced gene expression. Information:STAT5 entry, PTM:Tyrosine phosphorylated in response to various growth factors, such as IL2, IL3, IL7, GM-CSF, erythropoietin, thrombopoietin, and other growth hormones.

	required for DNA-binding activity and dimerization. Serine p maximal transcriptional activity.,similarity:Belongs to the trar family.,similarity:Contains 1 SH2 domain.
Formulation:	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as
Cellular localization:	nucleus,nucleoplasm, cytoplasm, cytosol. Expression: Brain, C membrane.
	