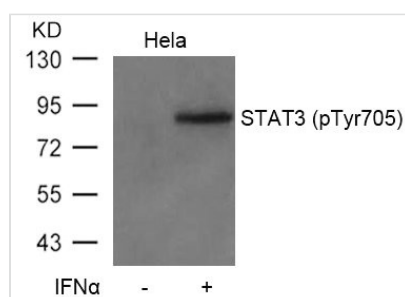




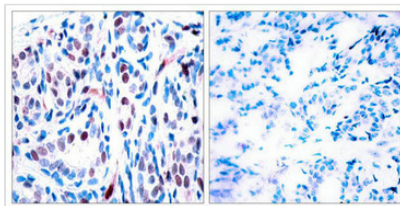
Phospho-STAT3 (Tyr705) Antibody

Product Code	CSB-PA954939
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P40763
Immunogen	Peptide sequence around phosphorylation site of tyrosine 705 (A-P-Y(p)-L-K) derived from Human STAT3.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of STAT3 only when phosphorylated at tyrosine 705.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	Transcription factor that binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein genes. Activated by IL31 through IL31RA. Fan G, et al. (2003) J Biol Chem. 278(52): 52432-52436. Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178. Welsh, et al. (1996) Trends Cell Biol. 6: 274-279. Srivastava A K, et al. (1998) Mol Cell Biochem. 182: 135-141.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Clonality	Polyclonal
Alias	APRF; Acute-phase response factor; HIES
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	STAT3

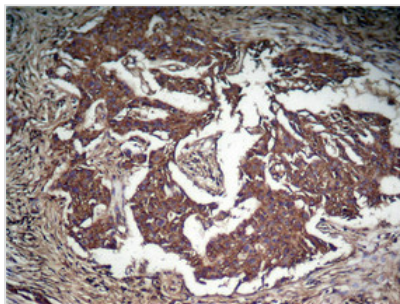
Image



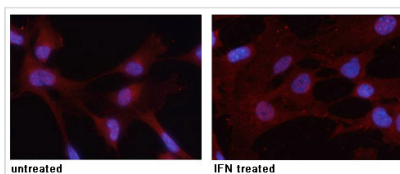
Western blot analysis of extracts from HeLa cells untreated or treated with IFN α using STAT3(Phospho-Tyr705) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT3 (Phospho-Tyr705) Antibody (left) or the same antibody preincubated with blocking peptide (right).



Immunohistochemical analysis of paraffin-embedded human Lung carcinoma tissue using STAT3 (Phospho-Tyr705) Antibody.



Immunofluorescence staining of methanol-fixed MEF cells untreated or treated with IFN using STAT3 (Phospho-Tyr705) Antibody.

Product Modify

Phospho-Tyr705