

Anti-Phospho-STAT3-Ser727 antibody (694-743 aa) (STJ90410) STJ90410

GENERAL INFORMATION

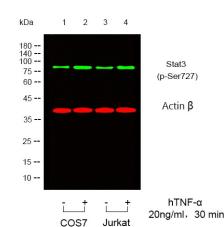
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Signal transducer and activator of transcription 3-Ser727 (694-743 aa) is suitable for use in Immunofluorescence, Western Blot, Immunohistochemistry, Immunoprecipitation and ELISA research applications.
Applications	IF/WB/IHC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Monkey

PRODUCT PROPERTIES

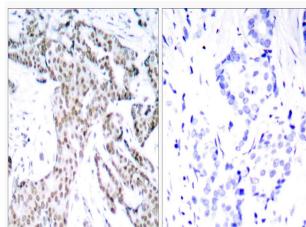
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF 1:50-200
Range	WB 1:500-1:2000 IHC 1:100-1:300 IP 2-5 ug mg/lysate ELISA 1:10000
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

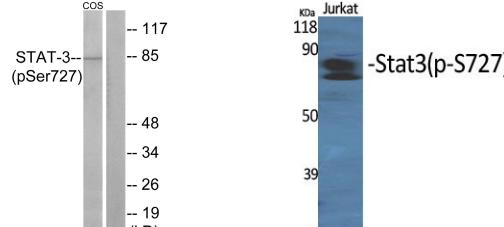
Gene ID	6774
Gene Symbol	STAT3
Uniprot ID	STAT3_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human STAT3 around the phosphorylation site of Ser727 at the amino acid range 694-743
Immunogen Region	694-743 aa
Specificity	Phospho-Stat3 (S727) Polyclonal Antibody detects endogenous levels of Stat3 protein only when phosphorylated at S727.
Immunogen Sequence	



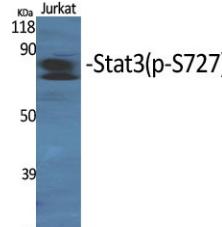
Western blot analysis of lysates from COS7, Jurkat cells, treated or untreated with TNF α . (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody was diluted 1:10000, 37°C 1 hour. (Red) loading control antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1 hour.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using STAT3 (Phospho-Ser727) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using STAT3 (pSer727) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of various cells using Phospho-Stat3 (S727) Polyclonal Antibody diluted at 1:10000