

Anti-Phospho-STAT3-Tyr705 antibody (672-721 aa) (STJ90411)

STJ90411

GENERAL INFORMATION

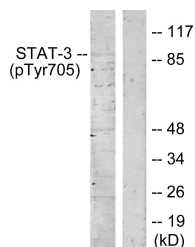
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Signal transducer and activator of transcription 3-Tyr705 (672-721 aa) is suitable for use in Immunofluorescence, Western Blot, Immunohistochemistry, Immunoprecipitation and ELISA research applications.
Applications	IF/WB/IHC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Pig

PRODUCT PROPERTIES

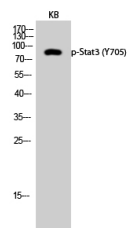
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF 1:50-200
Range	WB 1:500-1:2000 IHC 1:100-1:300 IP 2-5 ug mg/lysate ELISA 1:20000
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

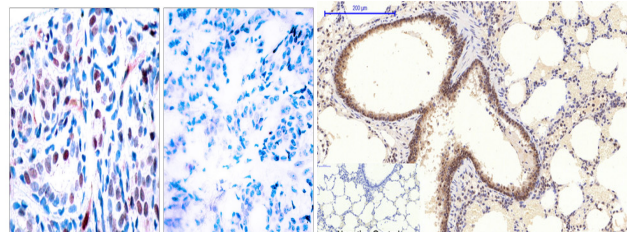
Gene ID	6774
Gene Symbol	STAT3
Uniprot ID	STAT3_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human STAT3 around the phosphorylation site of Tyr705 at the amino acid range 672-721
Immunogen Region	672-721 aa
Specificity	Phospho-Stat3 (Y705) Polyclonal Antibody detects endogenous levels of Stat3 protein only when phosphorylated at Y705.
Immunogen Sequence	



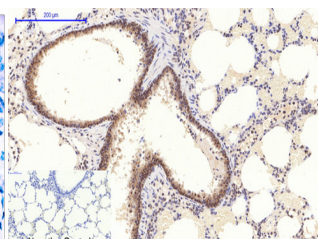
Western blot analysis of lysates from HeLa cells, using STAT3 (Phospho-Tyr705) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of KB cells using Phospho-Stat3 (Y705) Polyclonal Antibody diluted at 1:14 2000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using STAT3 (Phospho-Tyr705) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1, Stat3 (phospho Tyr705) Polyclonal Antibody was diluted at 1:200 (44°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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