

STAT3(Phospho-Tyr705) Antibody

Catalog No: #11045



Package Size: #11045-1 50ul #11045-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	STAT3(Phospho-Tyr705) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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 non-phosphopeptide.
Applications	WB IHC IF IP
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of STAT3 only when phosphorylated at tyrosine 705.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 705 (A-P-Y(p)-L-K) derived from Human STAT3.
Conjugates	Unconjugated
Target Name	STAT3
Modification	Phospho
Other Names	APRF; Acute-phase response factor; HIES
Accession No.	Swiss-Prot: P40763NCBI Protein: NP_003141.2
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

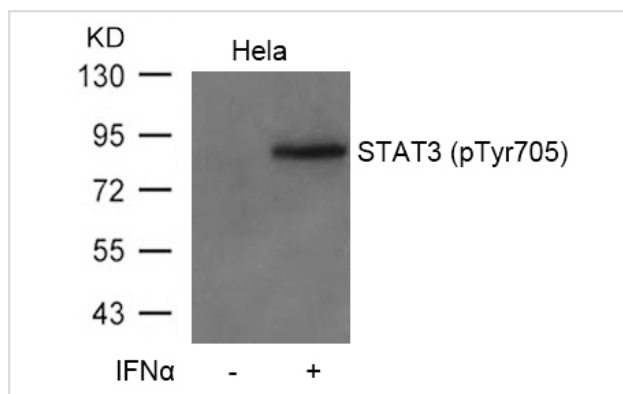
Application Details

Predicted MW: 88kd

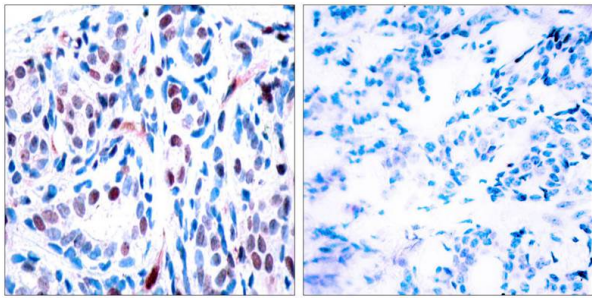
WB: 1:500~1:1000

IHC: 1:50~1:100IP: 1:50-200 IF: 1:50-200

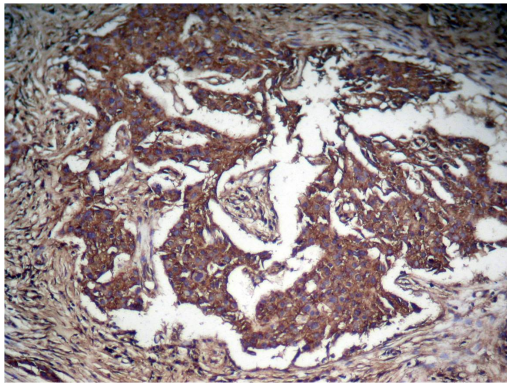
Images



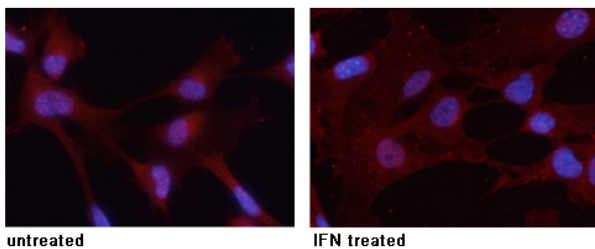
Western blot analysis of extracts from HeLa cells untreated or treated with IFN using STAT3(Phospho-Tyr705) Antibody #11045.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT3 (Phospho-Tyr705) Antibody #11045 (left) or the same antibody preincubated with blocking peptide #51045 (right).



Immunohistochemical analysis of paraffin-embedded human Lung carcinoma tissue using STAT3 (Phospho-Tyr705) Antibody #11045.



Immunofluorescence staining of methanol-fixed MEF cells untreated or treated with IFN using STAT3 (Phospho-Tyr705) Antibody #11045.

Background

Transcription factor that binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein genes.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.