Product Name: Phospho-STAT3 (Ser727) Rabbit Polyclonal Antibody
Catalog #: APRab03823

Summary

Production Name	Phospho-STAT3 (Ser727) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	STAT3
Alternative Names	STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor
Gene ID	6774
SwissProt ID	P40763

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 88 kDa

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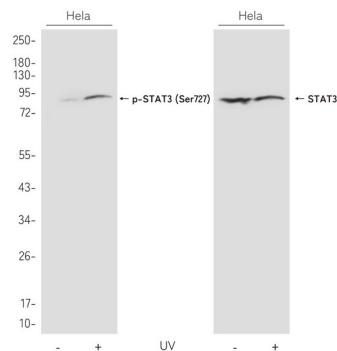**Catalog #: APRab03823**

Background

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.
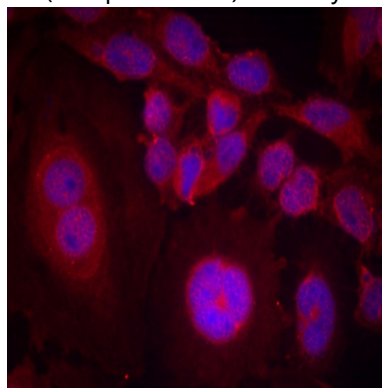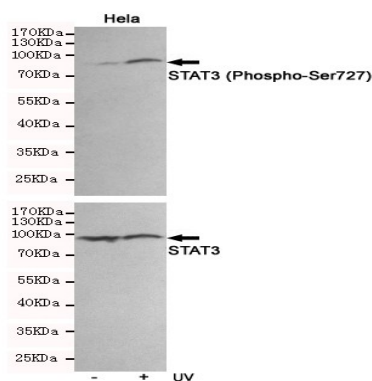
Research Area

Signal Transduction

Image Data

Western blot analysis of Phospho-STAT3 (Ser727) in Hela and HepG2 lysates untreated or treated with PMA usingSTAT3 (Phospho-Ser727) antibody.
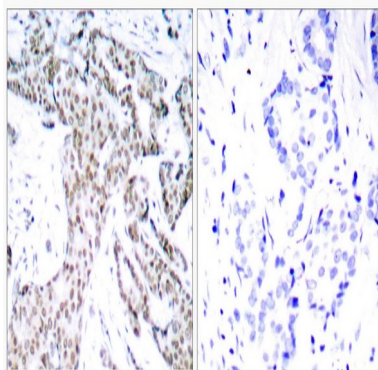

Immunofluorescence analysis of Phospho-STAT3 (Ser727) in Hela using STAT3 (Phospho-Ser727) antibody.

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Western blot analysis of Phospho-STAT3 (Ser727) in Hela lysates untreated or treated with UV, using STAT3 (Phospho-Ser727) antibody(upper) or p38 MAPK antibody(lower).

Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using STAT3 (Phospho-Ser727) antibody High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Sample with blocking peptide on the right.

Note
For research use only.