

**Product Name: Phospho-STAT3 (Ser727) Rabbit
Polyclonal Antibody
Catalog #: APRab01326**

Summary

Production Name	Phospho-STAT3 (Ser727) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,IP
Reactivity	Human,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	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	STAT3
Alternative Names	STAT3; APRE; 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 IP: 1/20
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 98 kDa

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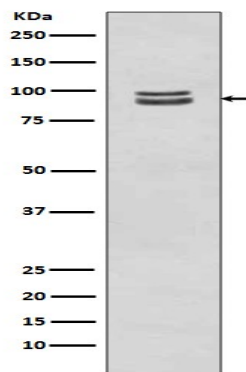
Background

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.

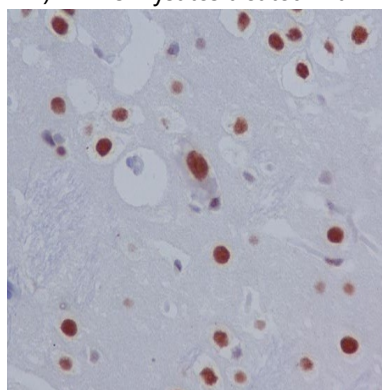
Research Area

Signal Transduction

Image Data

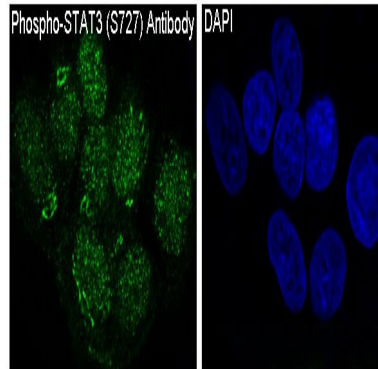


Western blot analysis of Phospho-STAT3 (S727) in A431 lysates treated with EGF using Phospho-STAT3 (Ser727) antibody.



Immunohistochemistry analysis of paraffin-embedded rat brain using Phospho-STAT3 (S727) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of Phospho-STAT3 (Ser727) in A431 treated with EGF using Phospho-STAT3 (S727) antibody.

Note

For research use only.