

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## PHOSPHO-STAT3 (SER727) RABBIT PAB

Cat.#: N225593

Product Name: Anti-Phospho-STAT3 (Ser727) Rabbit pAb

Synonyms: STAT3; APRF; Signal transducer and activator of transcription 3;

Acute-phase response factor

**UNIPROT ID:** P40763

**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.

**Immunogen:** A synthesized peptide derived from human Phospho-STAT3

(S727)

**Applications:** WB,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 88 kDa; Observed MW: 98 kDa

**Isotype:** IgG

**Purification:** Affinity Chromatography

Species Reactivity: Human,Rat Conjugation: Unconjugated Modification: Phosphorylated

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

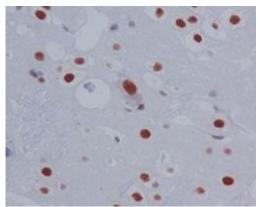
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

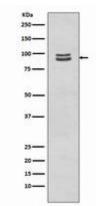


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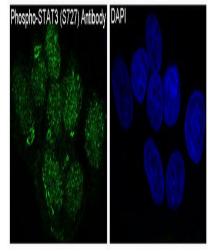
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Immunohistochemistry analysis of paraffin-embedded rat brain using Phospho-STAT3 (S727) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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



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