

## Anti-Phospho-STAT3 (Ser727) Rabbit pAb

Purified Rabbit Polyclonal Antibody

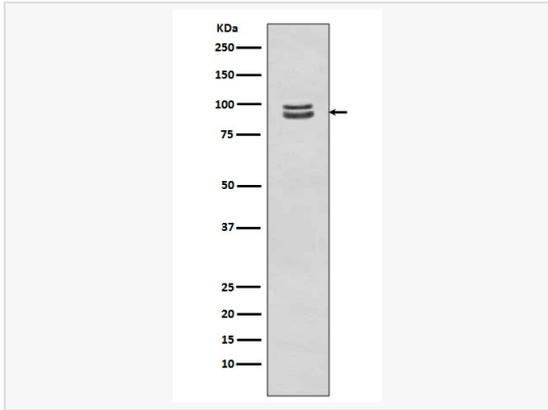
Catalog # P013642

### Product Information

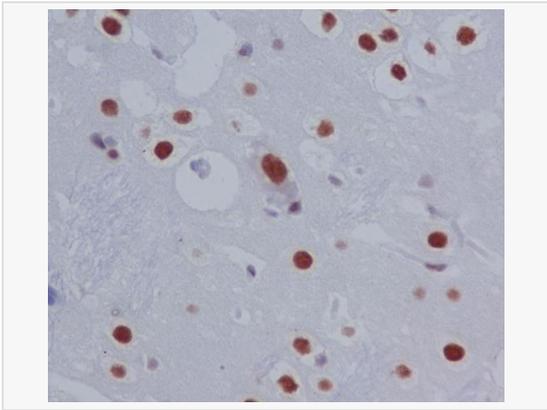
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-STAT3 (S727)
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-STAT3 (Ser727) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

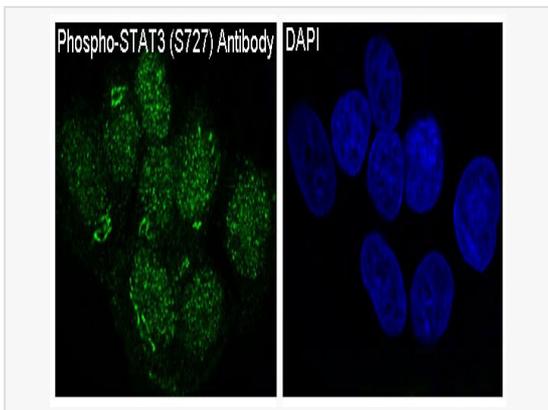
Synonyms	STAT3, APRF, Signal transducer and activator of transcription 3, Acute-phase response factor.
Calculated MW	Calculated MW: 88 kDa; Observed MW: 98 kDa
Uniprot ID	P40763
Gene ID	6774
Background	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and 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.



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.



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