

## Anti-STAT3 Rabbit pAb

Purified Rabbit Polyclonal Antibody

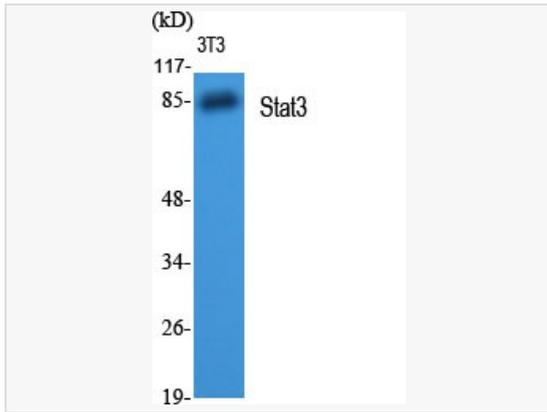
Catalog # P012881

### Product Information

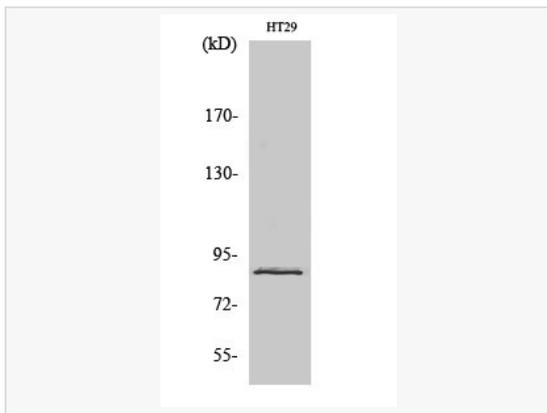
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human STAT3.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
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-STAT3 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

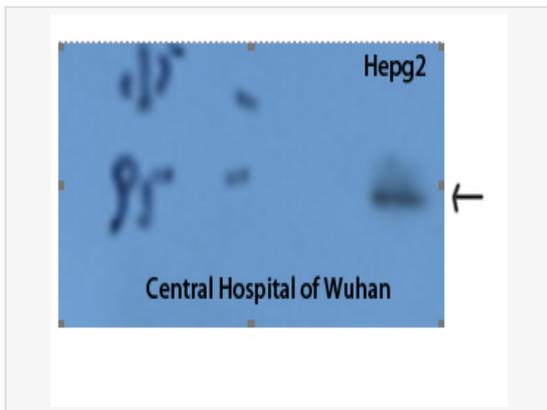
Synonyms	STAT3, APRF, Signal transducer and activator of transcription 3, Acute-phase response factor.
Calculated MW	Calculated MW: 88 kDa; Observed MW: 88 kDa
Uniprot ID	P40763
Gene ID	6774
Background	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and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



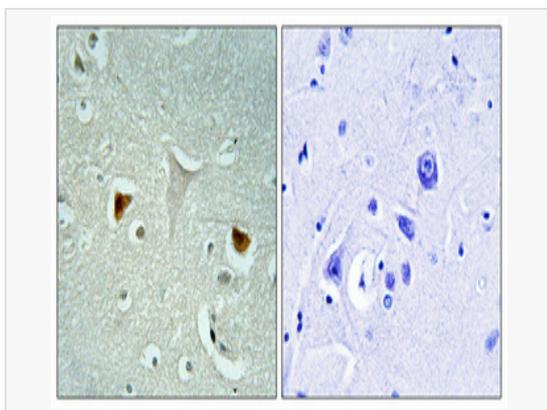
Western blot analysis of STAT3 in various lysates using STAT3 antibody.



Western blot analysis of STAT3 in NIH3T3 lysates using Stat3 antibody.



Western blot analysis of STAT3 in Hepg2 lysates using STAT3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain using STAT3 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was preabsorbed by immunogen peptide.