



## Stat3 (phospho-Ser727) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A21997	Rabbit	1 mg/ml	88 kD

Applications	IF, WB, IHC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	IF: 1:50-200 WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. IP: 2-5 ug/mg lysate. ELISA: 1/20000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-Stat3 (Y705) Polyclonal Antibody detects endogenous levels of Stat3 protein only when phosphorylated at Y705.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human STAT3 around the phosphorylation site of Tyr705. AA range:672-721
Uniprot No	P40763
Alternative names	STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	
Conjugation	
Background	signal transducer and activator of transcription 3(STAT3) Homo sapiens 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 as
Other	Gene_name: STAT3 ; Protein_name: Signal transducer and activator of transcription 3; Expression: Epithelium, Kidney, Liver, Pancreas, Placenta,

### Product Images

#### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

**Trademarks**

*All product names and trademarks are the property of their respective owners.*

**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

---

**Contact and Support:**

*To ask questions, solve problems, suggest enhancements and report new applications, please visit our [Online Technical Support Site](#).*

*To call, write, fax, or email us, please visit [www.aabsci.com](http://www.aabsci.com), contact information will be displayed.*