

兔抗 STAT3 多克隆抗体

中文名称：兔抗 STAT3 多克隆抗体

英文名称：Anti-STAT3 rabbit polyclonal antibody

别名：signal transducer and activator of transcription 3; APRF; HIES; ADMIO; ADMIO1

相关类别：一抗

抗原：STAT3

储存：冷冻（-20℃）

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

The Stat3 transcription factor is an important signaling molecule for many cytokines and growth factor receptors and is required for murine fetal development. Research studies have shown that Stat3 is constitutively activated in a number of human tumors and possesses oncogenic potential and anti-apoptotic activities. Stat3 is activated by phosphorylation at Tyr705, which induces dimerization, nuclear translocation, and DNA binding. Transcriptional activation seems to be regulated by phosphorylation at Ser727 through the MAPK or mTOR pathways. Stat3 isoform expression appears to reflect biological function as the relative expression levels of Stat3 α (86 kDa) and Stat3 β (79 kDa) depend on cell type, ligand exposure, or cell differentiation stage. It is notable that Stat3 β lacks the serine phosphorylation site within the carboxy-terminal transcriptional

	activation domain.
Applications:	ELISA, WB
Name of antibody:	STAT3
Immunogen:	Fusion protein of human STAT3
Full name:	signal transducer and activator of transcription 3
Synonyms:	APRF; HIES; ADMIO; ADMIO1
SwissProt:	P40763
ELISA Recommended dilution:	5000-10000
WB Predicted band size:	88 kDa
WB Positive control:	HepG2 cell lysate
WB Recommended dilution:	200-1000

