

Product datasheet for **TA325898**

STAT4 Rabbit Polyclonal Antibody

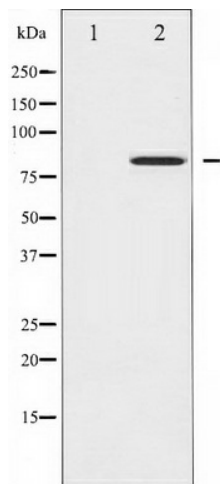
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IP
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human STAT4 around the phosphorylation site of Tyrosine 693
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	86 kDa
Gene Name:	signal transducer and activator of transcription 4
Database Link:	NP_001230764 Entrez Gene 20849 MouseEntrez Gene 367264 RatEntrez Gene 6775 Human Q14765
Background:	The protein encoded by this gene is a member of the STAT family of transcription factors. 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.



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Synonyms: SLEB11
Protein Families: Druggable Genome, Transcription Factors
Protein Pathways: Jak-STAT signaling pathway

Product images:

Western blot analysis of STAT4 phosphorylation expression in IL-4 treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.