

Datasheet for ABIN3032578
anti-STAT4 antibody (AA 1-17)



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2 Images

Overview

Quantity:	100 µg
Target:	STAT4
Binding Specificity:	AA 1-17
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 1-17 (MSQWNQVQQLEIKFLEQ) were used as the immunogen for this STAT4 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	STAT4
Alternative Name:	STAT4 (STAT4 Products)
Background:	The protein encoded by the STAT4 gene is a member of the STAT protein family of transcription factors. STAT4 is phosphorylated in response to interleukin-12 and is essential for IL12 signal transduction. Transactivation, electrophoretic mobility shift, and RNA interference

Target Details

	analyses showed that Ikaros bound to the STAT4 promoter and was involved in regulation of STAT4 in human T cells.
UniProt:	Q14765
Pathways:	JAK-STAT Signaling

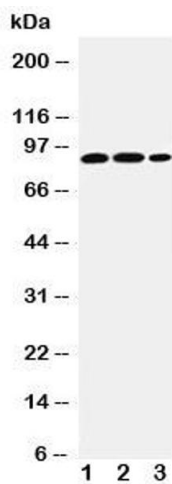
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the STAT4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

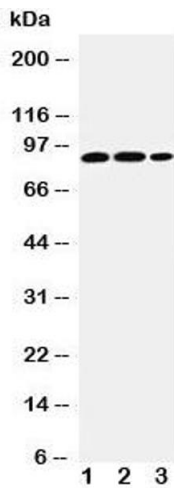
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the STAT4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of STAT4 antibody and Lane 1: rat testis



Western Blotting

Image 2. Western blot testing of STAT4 antibody and Lane 1: rat testis; 2: human U87; 3: (h) HeLa cell lysate