

## STAT5 Ab

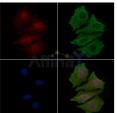
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Images(3)

Cat.#: AF6305 Size:	Concn.: ~1mg/ml Source: Rabbit	Mol.Wt.: 90kDa Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 $^{\circ}$ C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide a SulfoLink <sup>™</sup> Coupling Resin (Thermo F	
Immunogen:	A synthesized peptide derived from human STAT5, corresponding to a region within C-terminal amino acids.	
Uniprot:	P42229/P51692	
Description:	STAT5B transcription factor of the STAT family. Phosphorylated and activated by receptor-associated kinases triggered by cytokines including IL2, IL3, GM-CSF, and various growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression.	



Western blot analysis of extracts from COLO205 cells(heat-shock treatment), using STAT5 Ab at 1/1000 dilution. Observed bands:90kD.



AF6305 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF6305 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab



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in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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