

Stat6 (phospho Thr645) Polyclonal Antibody

Cat No: HR1AP2519

For research use only

Overview

Product Name	Stat6 (phospho Thr645) Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IP,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	STAT6
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	STAT6; Signal transducer and activator of transcription 6; IL-4 Stat
Background	signal transducer and activator of transcription 6(STAT6) Homo sapiens 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. This protein plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010],