

Stat4 Polyclonal Antibody

Cat No: HR1AP9378

For research use only

Overview

Product Name	Stat4 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	86kDa
GeneID?Human?	STAT4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	STAT4; Signal transducer and activator of transcription 4
Background	signal transducer and activator of transcription 4(STAT4) 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 is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011],