Product Data Sheet

Stat1 Antibody

(This product has been discontinued.)

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Rat (Rt)
Canine (Ca)
Non-human primate (Nhp)
Bovine (Bv)

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunoprecipitation (IP)	1:100
ChIP assay (ChIP)	1:50

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-16188
Size:	100 ul
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide (KLH-coupled) corresponding to the sequence of human Stat1.

Form Information

Form information is not available for this product

Product Specific Information

Anti-Stat1 Polyclonal Antibody PA5-16188 has been tested and validated in use for Western blot, immunoprecipitation, and ChIP applications. Predicted to react with bovine and canine species based on 100% sequence homology.

A molecular weight of approximately 84 and 91 kDa are expected.

General Information

The protein encoded by this gene is a member of the STAT protein family. 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 can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

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