

STAT1 Polyclonal antibody

Catalog Number: 51117-1-AP

Basic Information

Catalog Number:

51117-1-AP

Size:

180 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002704

GeneID (NCBI):

6772

UNIPROT ID:

P42224

Full Name:

signal transducer and activator of transcription 1, 91kDa

Calculated MW:

83 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

STAT1 (signal transducers and activators of transcription 1) 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. Various ligands, including interferons- α and - γ , EGF, PDGF and IL-6, can activate STAT1. STAT1 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. This antibody is a rabbit polyclonal antibody raised against a peptide mapping within human STAT1.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

