
anti-Stat1

Cat #: HM1352
Rabbit polyclonal IgG
0.25 µg/µl, store at 4 °C

For research use only

BACKGROUND

Stats (signal transducers and activators of transcription) are transcription factors activated by peptide hormones, growth factors and cytokines, particularly interferons. Stat1 is the first member of Stats family. It is a subunit of ISGF3 transcription factor complex, which is responsible for modulating the transcription of the interferon-stimulated genes. Various ligands induce activation of the JAK JAK family kinases, which phosphorylate at tyrosine and activate Stat activation.

SPECIFICITY

This antibody specifically recognizes Stat1 of human, mouse and rat origin. It does not bind other members of the Stat protein family.

The antibody can be used in Western blotting, immunoprecipitation and immunostaining.

IMMUNOGEN

Full-length recombinant human Stat1 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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4. Yamamoto, K., Quelle, F.W., Thierfelder, W.E., Kreider, B.L., Gilbert, D.J., Jenkins, N.A., Copeland, N.G., Silvennoinen, O., and Ihle, J.N. 1994. Stat4, a novel gamma interferon activation site-binding protein expressed in early myeloid differentiation. Mol. Cell. Biol. 14: 4342-4349.
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