
anti-Stat4

Cat #: HM1357
Rabbit polyclonal IgG
0.2 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. 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. Stat4 is expressed in testis and myeloid cells. Stat4 is activated by IL-12 and is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells.

SPECIFICITY

This antibody specifically recognizes Stat4 of human, mouse and rat origin. The antibody can be used in Western blotting, immunoprecipitation and immunostaining.

Molecular Weight of Stat4: 89 kDa.
Western blotting positive controls: HeLa cell lysate.

IMMUNOGEN

A peptide at the carboxy terminus of human Stat4.

STORAGE

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

REFERENCES

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