
anti-ICSBP

Cat #: HM1180
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Interferon consensus sequence-binding protein, ICSBP (also referred as IRF8) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA-binding domain in the N-terminal region and a divergent C-terminal region that serves as the regulatory domain. They bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs. It has been shown that IRF8 decreases bcl-2 expression and thus may play a role in chronic myelogenous leukemia. Mice with a null mutation of ICSBP exhibit enhanced susceptibility to virus infections and deregulated hematopoiesis, suggesting a role for ICSBP in regulating the proliferation and differentiation of hematopoietic progenitor cells.

SPECIFICITY

This antibody specifically reacts with ICSBP of mouse, rat and human origin.

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

IMMUNOGEN

A peptide mapping at carboxy terminus of ICSBP of mouse origin.

STORAGE

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

REFERENCES

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