
anti-gp 130

Cat #: HM1165
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

gp130 is a part of the cytokine receptor complex. It is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). The activation of this protein is dependent upon the binding of cytokines to their receptors. For example, IL-6 first binds to IL-6R which subsequently associates with a gp130 dimer. The active signaling complex consists of at minimum IL-6, IL-6R and a dimer of two gp130 proteins that are linked by a disulfide bond. Knockout studies in mice suggested a critical role of gp130 in regulating myocyte apoptosis.

SPECIFICITY

This antibody specifically reacts with gp 130 of human, mouse and rat origin.

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

Molecular Weight gp 130: 130 kDa
Western blotting positive controls: HeLa

IMMUNOGEN

A synthetic peptide derived from N-terminus of human gp 130 protein.

STORAGE

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

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