
anti-GRB7

Cat #: HM1169
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Many growth factors function by binding receptors with intrinsic tyrosine kinase activity. Signaling by such receptors involves series of intermediates characterized by SH2 domains that bind tyrosine phosphorylated receptors by a direct interaction between the SH2 domain and specific phospho-tyrosine-containing receptor sequences. GRB7, a SH2 domain protein, has single SH2 domain at its C-terminal, a central region with similarity to Ras GAP and a proline-rich N terminus. It interacts with epidermal growth factor receptor and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK).

SPECIFICITY

This antibody specifically reacts with GRB7 of mouse, rat and human origin.

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

Molecular Weight of GRB7: 65 kDa.
Western Controls: A-431 whole cell lysate.

IMMUNOGEN

A peptide mapping at the C-terminus of human GRB7.

STORAGE

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

REFERENCES

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