
anti-IEX-1S/L

Cat #: HM1182
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

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BACKGROUND

IEX-1 (immediate early response gene X-1) was identified as a gene induced by ultraviolet radiation and TNF- α , which protected human squamous carcinoma cells from apoptosis. The promoter region of IEX-1 contains binding motifs for both NF- κ B and p53. Its expression is regulated by multiple transcription factors including p53, NF-kappaB/rel, Sp1 and c-Myc. IEX-1 is expressed as either a longer form (IEX-1L) or a shorter form (IEX-1S), and it is localized to the nucleus and perinuclear region. Overexpression of IEX-1 renders some cells sensitive to apoptosis and accelerates cell cycle progression, but reduces proliferation of other cells, whereas disruption of IEX-1 expression is associated with decreases in both apoptosis and cell cycle progression.

SPECIFICITY

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

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

IMMUNOGEN

Full-length recombinant human IEX protein.

STORAGE

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

REFERENCES

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