
anti-CAS

Cat #: HM1056
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The CAS (cellular apoptosis susceptibility) gene is the homolog of the essential yeast chromosome segregating gene, CSE1. CAS is highly expressed as a 100 kDa protein in actively dividing cells. CAS expression increases when resting human fibroblasts are induced to proliferate and decreases when they are growth arrested. CAS appears to play an important role in toxin and tumor necrosis factor mediated cell death, and cell proliferation.

SPECIFICITY

This antibody specifically recognizes CAS of human origin.

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

IMMUNOGEN

A peptide corresponding to the N terminus of human CAS.

STORAGE

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

REFERENCES

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2. Eastman, A. 1995. Survival factors, intracellular signal transduction, and the activation of endonucleases in apoptosis. Sem. Cancer Biol. 6: 45-52.
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4. McDonnell, T.J., Meyn, R.E., and Robertson, L.E. 1995. Implications of apoptotic cell death regulation in cancer therapy. Sem. Cancer Biol. 6: 53-60.
5. Behrens, P., Brinkmann, U. and Wellmann, A. (2003) CSE1L/CAS: its role in proliferation and apoptosis. Apoptosis 8, 39-44.
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