

Recombinant Anti-HSF2 Rabbit mAb

Catalog # AP95329

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q03933
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	60348

Additional Information

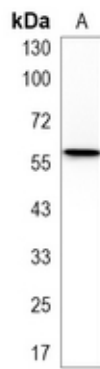
Gene ID	3298
Other Names	HSTF2; Heat shock factor protein 2; HSF 2; Heat shock transcription factor 2; HSTF 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human HSF2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

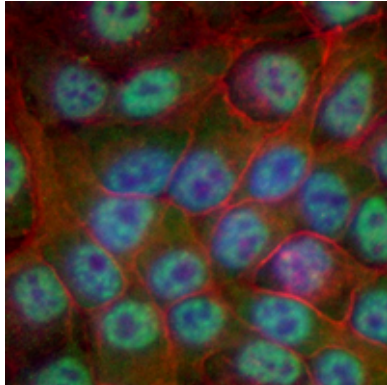
Name	HSF2
Synonyms	HSTF2
Function	DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked.
Cellular Location	Cytoplasm. Nucleus. Note=Cytoplasmic during normal growth and moves to the nucleus upon activation

Images

Western blot analysis of HSF2 expression in HeLa (A)
whole cell lysates. (Predicted band size: 60 kD; Observed



band size: 60 kD)



Immunofluorescent analysis of HSF2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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