

HSF1 (S303) polyclonal antibody

Catalog: BS9117

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Heat shock transcription factors (HSF, also designated HSTF) 1 and 2 are involved in this regulation. HSF1 and HSF2 are upregulated by estrogen at both the mRNA and protein level. HSF1 is normally found as a monomer whose transcriptional activity is repressed by constitutive phosphorylation. Upon activation, HSF1 forms trimers, gains DNA binding activity and is translocated to the nucleus. HSF2 activity is associated with differentiation and development, and, like HSF1, binds DNA as a trimer. Both HSF1 and HSF2 are known to be induced by proteasome inhibitors of the ubiquitin pathway.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 82 kDa

Swiss-Prot:

Q00613

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

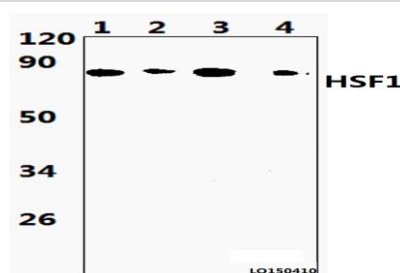
WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HSF1 (S303) polyclonal antibody detects endogenous levels of HSF1 protein.

DATA:

Western blot (WB) analysis of HSF1 polyclonal antibody at 1:1000 di-

lution Lane1:HELA whole cell lysate(41ug)

Lane2:DLD whole cell lysate(37ug) Lane3:NIH3T3 whole cell lysate(48ug)

Lane4:H9C2 whole cell lysate(37ug)

Note:

For research use only, not for use in diagnostic procedure.

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