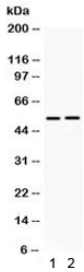
HSF4 Antibody (R32350)

Catalog No.	Formulation	Size
R32350	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9ULV5
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This HSF4 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) MCF7 lysate with HSF4 antibody. Predicted/observed molecular weight ~53 kDa.

Description

Heat shock factor protein 4 is a protein that in humans is encoded by the HSF4 gene. It is mapped to 16q21. Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described.

Application Notes

Optimal dilution of the HSF4 antibody should be determined by the researcher.

Immunogen

Amino acids VQESTEARLRELRQQNEILWREVVTLRQSHGQQHRVI of human HSF4 were used as the immunogen for the HSF4 antibody.

Storage

After reconstitution, the HSF4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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