

# HSF1 (Phospho-Ser326) Conjugated Antibody

Catalog No: #C14149

Package Size: #C14149-AF350 100ul #C14149-AF405 100ul #C14149-AF488 100ul #C14149-AF555 100ul #C14149-AF594 100ul #C14149-AF647 100ul #C14149-AF680 100ul #C14149-AF750 100ul #C14149-Biotin 100ul #C14149-Conjugated 50ul

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## Description

Product Name	HSF1 (Phospho-Ser326) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human
Specificity	Phospho-HSF1 (S326) Antibody detects endogenous levels of total Phospho-HSF1 (S326)
Immunogen Description	A synthesized peptide derived from human Phospho-HSF1 (S326)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HSF1; HSTF 1; HSTF1; Heat shock factor protein 1; Heat shock transcription factor 1;
Accession No.	Uniprot:Q00613
Calculated MW	82kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

FC: 1:50-1:200

## Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.