

HSF1 Rabbit mAb

Catalog No.: A23895 **Recombinant**

Basic Information

Observed MW

75kDa

Calculated MW

57kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC61341

Background

The product of this gene is a transcription factor that is rapidly induced after temperature stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which promotes binding by heat shock protein 90.

Recommended Dilutions

WB 1:1000 - 1:4000

IHC-P 1:200 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

3297

Swiss Prot

Q00613

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HSTF1; HSF1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

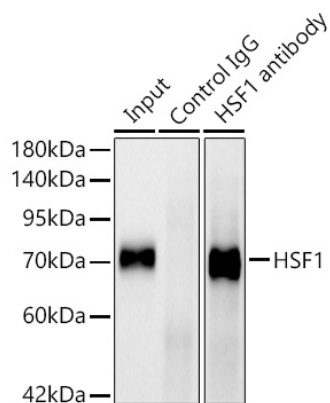
Purification

Affinity purification

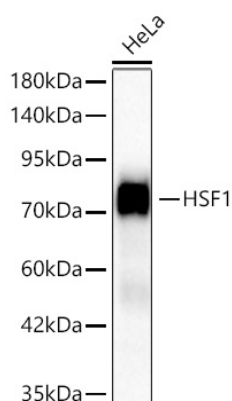
Storage

Store at -20°C

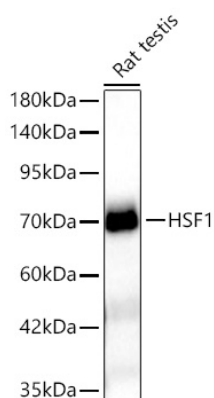
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg HSF1 Rabbit mAb (A23895). Western blot was performed from the immunoprecipitate using HSF1 Rabbit mAb (A23895) at a dilution of 1:2000.

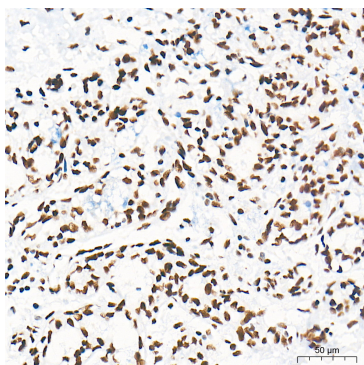


Western blot analysis of lysates from HeLa cells using HSF1 Rabbit mAb (A23895) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of lysates from Rat testis using HSF1 Rabbit mAb (A23895) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using HSF1 Rabbit mAb (A23895) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.