

Rabbit HSF2 Polyclonal Antibody | anti-HSF2 antibody

Anti-HSF2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45042	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

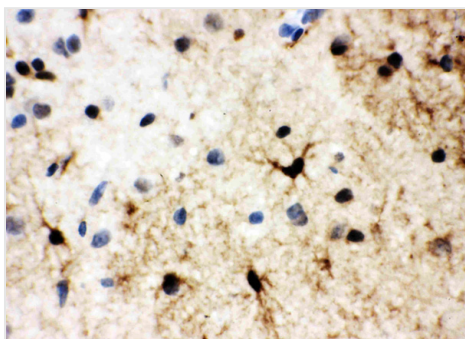
PRODUCT SYNONYMS

HSF2; Polyclonal Antibody; Anti-HSF2 antibody; Heat shock factor protein 2(HSF 2); heat shock transcription factor 2; Heat shock factor protein 2 antibody; Heat shock transcription factor 2 antibody; HSF 2 antibody; HSF2 antibody; HSF2_HUMAN antibody; HSTF 2 antibody; anti-HSF2 antibody

PRODUCT SPECIFICATIONS

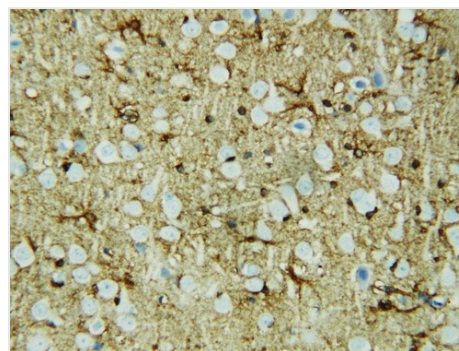
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	536
Applicable Applications for anti-HSF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human HSF2 (82-102aa KQERDGPVEFQHPYFKQGQDD), identical to the related mouse sequence, and different from the related rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



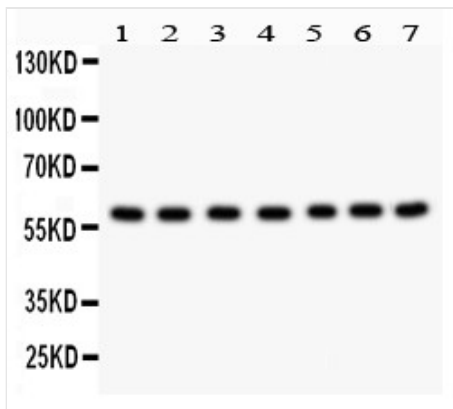
IHC (Immunohistochemisry)

Anti-HSF2 antibody, AAA45042, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohiostchemistry)

Anti-HSF2 antibody, AAA45042, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
 Anti-HSF2 antibody, AAA45042, Western blottingAll lanes: Anti HSF2 (AAA45042) at 0.5ug/mlLane 1: Rat Kidney Tissue Lysate at 50ugLane 2: Rat Spleen Tissue Lysate at 50ugLane 3: 293T Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugLane 6: A549Whole Cell Lysate at 40ugLane 7: CEM Whole Cell Lysate at 40ugPredicted bind size: 60KDObserved bind size: 60KD

ADDITIONAL INFORMATION

Related Product Information for anti-HSF2 antibody	Description: Rabbit IgG polyclonal antibody for Heat shock factor protein 2(HSF2) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: HSF2(HEAT-SHOCK TRANSCRIPTION FACTOR 2), also called HEAT-SHOCK FACTOR 2, as well as the related gene HSF1, encodes a protein that binds specifically to the heat-shock element and has homology to HSFs of other species. The International Radiation Hybrid Mapping Consortium maps the HSF2 gene to chromosome 6. Mouse Hsf2 was expressed in all 3 embryonic layers at embryonic day 7.5 and that the head fold was strongly stained at embryonic day 8.5. In adults, Hsf2 expression is detected in spermatocytes and spermatogonia, but not in elongated spermatids, spermatozoa, or Sertoli cells. Hsp70i bookmarking is mediated by a transcription factor called HSF2, which binds this promoter in mitotic cells, recruits protein phosphatase-2A, and interacts with the CAPG subunit of the condensin enzyme to promote efficient dephosphorylation and inactivation of condensin complexes in the vicinity, thereby preventing compaction at this site. And Hsf2-null mice were born at the expected mendelian ratio but had brain abnormalities and meiotic and gametogenic defects in both genders.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	462334
NCBI GeneID	3298
UniProt Accession #	Q03933; Q0VAH9; Q2M1K4; Q9H445; B4DGJ4
Molecular Weight	58,293 Da
NCBI Official Full Name	Heat shock factor protein 2
NCBI Official Synonym Full Names	heat shock transcription factor 2
NCBI Official Symbol	HSF2
NCBI Official Synonym Symbols	HSF 2; HSTF 2
NCBI Protein Information	heat shock factor protein 2
UniProt Protein Name	Heat shock factor protein 2
UniProt Gene Name	HSF2
UniProt Synonym Gene Names	HSTF2; HSF 2; HSTF 2
UniProt Entry Name	HSF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsf2-antibody-immunohistochemistry-western-blot-elisa/45042>