Summary

Production Name	HSF2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

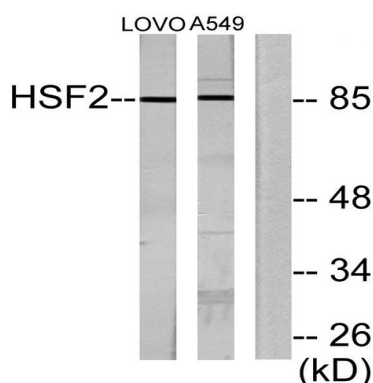|	
Gene Name	HSF2
Alternative Names	HSF2; HSTF2; Heat shock factor protein 2; HSF 2; Heat shock transcription factor 2; HSTF 2
Gene ID	3298.0
SwissProt ID	Q03933.The antiserum was produced against synthesized peptide derived from human HSF2. AA range:401-450

Application

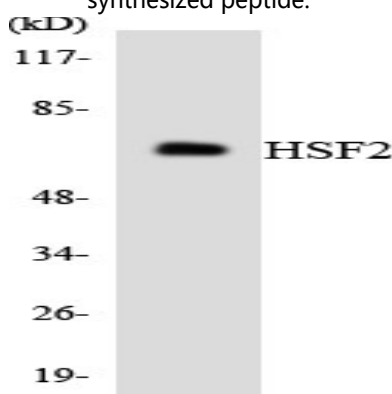|	
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	85kD

Background

heat shock transcription factor 2(HSF2) Homo sapiens   The protein encoded by this gene belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],function:DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked.,similarity:Belongs to the HSF family.,subcellular location:Cytoplasmic during normal growth and moves to the nucleus upon activation.,subunit:DNA-binding homotrimer in stressed or heat shocked cells, otherwise found as a homodimer.,

Research Area

Image Data

Western blot analysis of lysates from LOVO and A549 cells, using HSF2 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HeLa cells using HSF2 antibody.

Note

For research use only.