

PAA951Ra01

Polyclonal Antibody to Heat Shock Transcription Factor 4 (HSF4)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: HSF4, Rat

Clonality: Polyclonal

Host: Rabbit

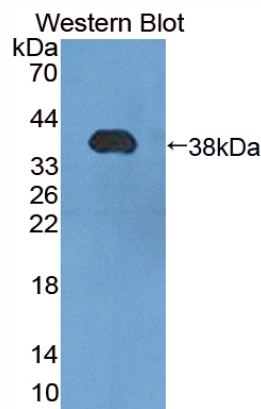
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant HSF4, Rat

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant HSF4 (Leu91~Met407) expressed in *E.coli*.

Accession No.: RPA951Ra01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- LLRPERDHVE FQHPSFVRGC
EQLLERVRRK VPALRGDDTR WRPEDLGRLL GEVQALRGVQ ESTEARLQEL RQQNEILWRE
VVTLRQSHSQ QHRVIGKLIQ CLFGPLQTGP SSTGAKRKLS LMLDEGSACS ASAKFNACPV
SGALLQDPYF IQSPLPETTV GLSPHRARGP IISDIPEDCP SPEGHRLLSPS SAGRVRKGLA
LLKEEPASPG GDGEAGLALA PNECDFCVTA PPPLPVAVVQ AILEGKGSFS PEGPRSIQQP
EPRGPREVDPD RGTGLGLDRGN RSPESLLPPV LLRPPPETVE PMDALGPSLH GREWTLM

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against HSF4. It has been selected for its ability to recognize HSF4 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant HSF4 (Leu91~Met407) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.