

pA91062Hu02

Polyclonal Antibody to Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

[PRODUCT INFORMATION]

Immunogen: HSPA1L, Human

Clonality: Polyclonal

Host: Rabbit

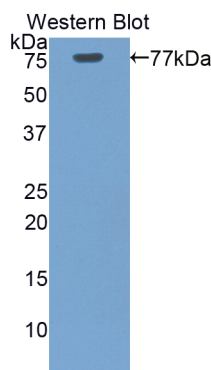
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant HSPA1L, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant HSPA1L (Met1~Asp641) expressed in *E.coli*.

USCN Accession No.: rP91062Hu02

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

MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-
 MATAKGIAIG IDLGTTYSCV GVFQHGKVEI IANDQGNRTT PSYVAFTDTE RLIGDAAKNQ
 VAMNPQNTVF DAKRLIGRK FNDPVVQADMK LWPFQVINEG GKPKVLVSYK GENKAFYPEE
 ISSMVLTKLK ETAEAFLGHP VTNAVITVPA YFNDQSQRQAT KDAGVIAGLN VLRIINEPTA
 AAIAYGLDKG GQGERHVLIF DLGGGTFDVS ILTIDDGIFE VKATAGDTHL GGEDFDNRLV
 SHFVEEFKRK HKKDISQNK RAVRRLRTACE RAKRTLSSST QANLEIDSLY EGIDFYTSIT
 RARFEELCAD LFRGTLEPVE KALRDAKMDK AKIHDIIVLVG GSTRIKPVQR LLQDYFNGRD
 LNKSNPDEA VAYGAAVQAA ILMGDKSEKV QDLLLLDVAP LSLGLETAGG VMTALIKRNS
 TIPTKQTQIF TTYSDNQPGV LIQVYEGERA MTKDNNLLGR FDLTGIPPAP RGVPQIEVTF

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DIDANGILNV TATDKSTGKV NKITITNDKG RLSKEEIERM VLDAEKYKAE DEVQREKIAA
KNALESYAFN MKSVVSDEGL KGKISESDKN KILDKCNELL SWLEVNQLAE KDEFDHKRKE
LEQMCNPIIT KLYQGGCTGP ACGTGYVPGR PATGPTIEEV D

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against HSPA1L. It has been selected for its ability to recognize HSPA1L 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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant HSPA1L (Met1~Asp641) 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%, NaN₃ 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.

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