

Datasheet

HSPA1A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00003303-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human HSPA1A protein.

Immunogen: HSPA1A (ABM87425.1, 1 a.a. ~ 641 a.a) full-length human protein.

Sequence:

MAKAAAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTT
PSYVAFTDTERLIGDAAKNQVALNPQNTVFDKRLIGR
KFGDPVVQSDMKHWPQVINDGDKPKVQVSYKGETK
AFYP EEISSMVLTKMKEIAEAYLGYPTNAVITVPAYFN
DSQRQATKDAGVIAGLNLRIINEPTAAAIAYGLDRTGK
GERNVLIFDLGGGTFDVSILTIDGIFEVKATAGDTHLG
GEDFDNRLVNHVFVEEFKRKHKKDISQNKRAVRLRTA
CERAKRTLSSSTQASLEIDSLFEGIDFYTSITRARFEEL
CSDLFRSTLEPVEKALRDAKLDAQIHDLLVLVGGSTRI
PKVQKLLQDFFNGRDLNKSINPDEAVAYGAAVQAAILM
GDKSENVQDLLLLDVAPLSLGLETAGGVMTALIKRNST
IPTKQTQIFTTSDNQPGVLIQVYEGERAMTKDNNLLG
RFELSGIPPAPRGVPQIEVTFDIDANGILNVTATDKSTG
KANKITITNDKGRLSKEEIERMVQEAKEYKAEDDEVQRE
RVSAKNALESYAFNMKSAVEDEGLKGKISEADKKKVL
DKCQEVISWLDANTLAEKDEFEHKRKELEQVCNPIISG
LYQGAGGPGPGGFGAQGPKGGSGSGPTIEEVD

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3303

Gene Symbol: HSPA1A

Gene Alias: FLJ54303, FLJ54370, FLJ54392, FLJ54408, FLJ75127, HSP70-1, HSP70-1A, HSP70I, HSP72, HSPA1, HSPA1B

Gene Summary: This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. [provided by RefSeq]