

Hsp70-1 polyclonal antibody

Catalog: BS72209

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

70kDa

Swiss-Prot:

P0DMV8

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:1000 - 1:3000

IHC 1:50 - 1:200

IF 1:50 - 1:200

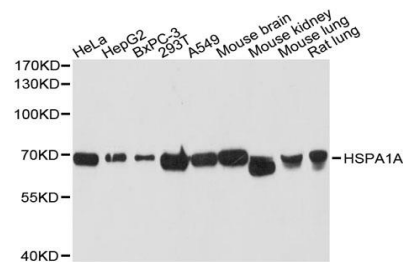
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Hsp70-1 polyclonal antibody detects endogenous levels of Hsp70-1 protein.

DATA:



Western blot analysis of extracts of various cell lines, using HSPA1A antibody at 1:3000 dilution.

Note:

For research use only, not for use in diagnostic procedure.

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