

**HSP70 polyclonal antibody**

Catalog: BS78109

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. [provided by RefSeq, Jul 2008]

Product:

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-P,1:50 - 1:200|IF/ICC,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 polyclonal antibody detects endogenous levels of HSP70 protein.

DATA:

Western blot analysis of various lysates using HSP70 pAb at 1:10000 dilution.

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using HSP70 pAb at a dilution of 1:100 (40x lens).

Immunofluorescence analysis of A-549 cells using HSP70 pAb at dilution of 1:100 (40x lens).

Note:

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

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