

HSP60 polyclonal antibody

Catalog: BS6072

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

HSPs (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins, and the HSP 110 family. The constitutively expressed mitochondrial protein HSP 60 shares the ability to recognize and stabilize proteins during folding, assembly and disassembly with other HSP family members. The mitochondrial and cytosolic localization of HSP 60, combined with its binding and catalysis of folding of newly synthesized proteins destined for the mitochondrial matrix, classify this protein as a molecular chaperone. An additional role of HSP 60 is to act as a cell surface marker for γ/δ T cell recognition.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P10809

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 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:100

IP 1:50 - 1:200

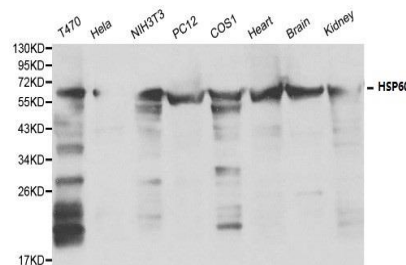
Storage&Stability:

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

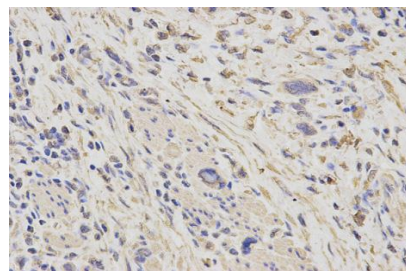
Specificity:

HSP60 polyclonal antibody detects endogenous levels of HSP60 protein.

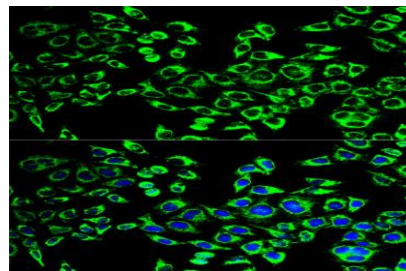
DATA:



WesternBlot (WB) analysis of HSP60 polyclonal antibody in extracts from T470, HeLa, NIH3T3, PC12, COS1 cells and mouse heart, brain, kidney tissues.



Immunohistochemistry (IHC) analysis of HSP60 polyclonal antibody in paraffin-embedded Human Stomach Cancer tissue.



Immunofluorescence analysis of HeLa cells, using HSP60 polyclonal antibody

Note:

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

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