

STIP1 polyclonal antibody

Catalog: BS91297

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Stress-induced-phosphoprotein 1 (STI1) functions as a co-chaperone for HSP70 and HSP90 during heat shock response. STI1 exists as either a monomer or a dimer, and this conformational flexibility facilitates its function in organizing HSP70/HSP90. HSP90 acts as an ATPase, and requires the recruitment of client proteins and proper conformation to function. STI1 acts as a "scaffold" for client protein recruitment to the relaxed, ADP-bound conformation of HSP90, thus suppressing ATP turnover during the loading phase and allowing proper function.

Product:

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

Molecular Weight:

63 kDa

Swiss-Prot:

P31948(Human) Q60864(Mouse) O35814(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

FC:1:50-1:100

ICC:1:50

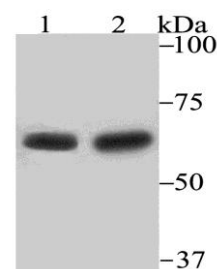
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

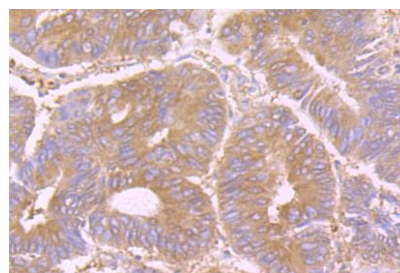
Specificity:

STIP1 polyclonal antibody detects endogenous levels of STIP1 protein.

DATA:



Western blot analysis of STIP1 on Mouse testis and Rat testis lysates using anti-STIP1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-STIP1 antibody. Counter stained with hematoxylin.

Note:

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

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