

Op18 polyclonal antibody

Catalog: BS6924

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Op18 (for oncoprotein 18, also designated stathmin, prosolin or metablastin) is a conserved, tubulin-associated, intracellular phosphoprotein. Many different phosphorylated forms of Op18 are observed, and it is expressed as two different isoforms. Op18 is considered a critical regulator of microtubulin dynamics and is downregulated by p53. It serves as a transducing protein, via phosphorylation, for a variety of cell signaling pathways and is involved in both mitosis and differentiation. Op18 is present in many cancers, including breast carcinomas, and is highly expressed in acute leukemias of different subtypes.

Product:

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

Molecular Weight:

~ 19 kDa

Swiss-Prot:

P16949

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

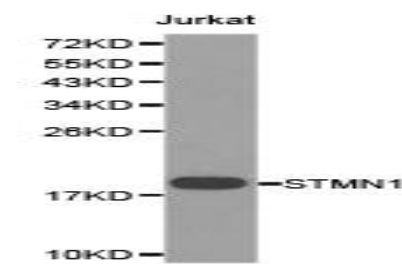
Storage&Stability:

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

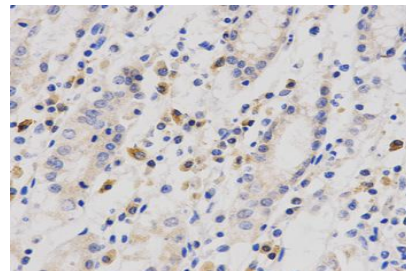
Specificity:

Op18 polyclonal antibody detects endogenous levels of Op18 protein.

DATA:



Western blot analysis of extracts of Jurkat cell lines, using Op18 antibody.



Immunohistochemistry (IHC) analysis of Op18 polyclonal antibody in paraffin-embedded Human Liver tissue.

Note:

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

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