RPS19BP1 polyclonal antibody

Catalog: BCP01468 Host: Rabbit Reactivity: Human

BackGround:

S19BP, also known as RPS19BP1 (ribosomal protein S19 binding protein 1) or AROS, is a 136 amino acid protein that localizes to the nucleolus and belongs to the AROS family. Expressed in a variety of tissues, S19BP interacts with Ribosomal Protein S19 and SIRT1 and is thought to directly regulate SIRT1 function, specifically enhancing the SIRT1-mediated deacetylation of p53 and inhibiting p53-induced transcriptional activity. The gene encoding S19BP maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia.

Product:

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

Molecular Weight:

~ 15 kDa

Swiss-Prot:

Q86WX3

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: 1:500~1:1000

IP: 1:50~1:200

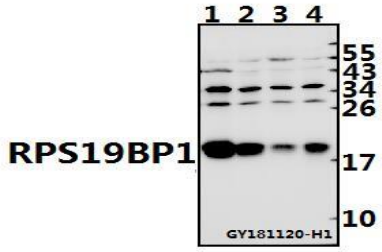
Storage&Stability:

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

Specificity:

RPS19BP1 polyclonal antibody detects endogenous levels of RPS19BP1 protein.

DATA:



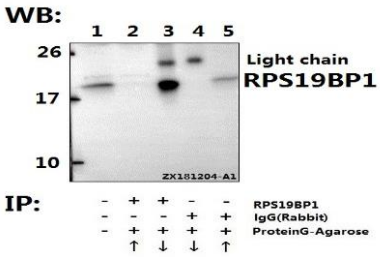
Western blot (WB) analysis of RPS19BP1 pAb at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:H1792 whole cell lysate(40ug)

Lane3:EC9706 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)



Immunoprecipitation of HepG2 cell lysate using RPS19BP1 polyclonal antibody (Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate) #BD0048 (lane 4 and lane 5).Lane 1 is 30% input.The western blot was probed using RPS19BP1. “↑”（supernatant）; “↓(deposition）

Note:

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

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