

## DAP Kinase 1 polyclonal antibody

Catalog: BS62245

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

DAP (death associated protein) kinase and ZIP kinase are members of a novel protein kinase family, the members of which have the capacity to mediate apoptosis through their catalytic activities. DAP kinase (DAPK) contains a "death domain" and has been shown to mediate IFN- $\gamma$ -induced apoptosis. The introduction of DAPK into highly metastatic carcinoma clones lacking DAPK expression has been shown to result in the suppression of metastasis, thus linking suppression of apoptosis to metastasis. ZIP kinase contains a leucine zipper domain, which is necessary for homodimerization and for interaction with other leucine zipper proteins. ZIP kinase dimerizes with ATF-4, an ATF/CREB transcription factor family member that contains a leucine zipper. Overexpression of ZIP kinase has been shown to result in morphological changes associated with apoptosis in NIH/3T3 cells.

### Product:

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

### Molecular Weight:

~ 160 kDa

### Swiss-Prot:

P53355

### 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

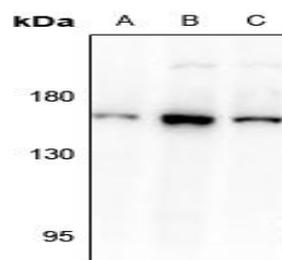
### Storage&Stability:

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

### Specificity:

DAP Kinase 1 polyclonal antibody detects endogenous levels of DAP Kinase 1 protein.

### DATA:



Western blot (WB) analysis of DAP Kinase 1 polyclonal antibody at 1:500 dilution

LaneA:CT26 whole cell lysate

LaneB:HCT116 whole cell lysate

LaneC:A549 whole cell lysate

### Note:

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

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