

## MDK (D143) polyclonal antibody

Catalog: BS3568

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Midkine, or MK, is a heparin-binding molecule involved in the regulation of growth and differentiation during embryogenesis. MK expression is tightly regulated during embryonic development by steroid receptors of the retinoic acid superfamily. The mature human MK protein is 118 amino acids in length and contains five intrachain disulfide bonds. MK is a non-glycosylated protein that shows greater than 87% identity between human and mouse. The carboxy-terminus of MK contains the principle heparin-binding site and the molecule's neurite-promoting sequences; both the amino- and carboxy-terminal sequences are required for the molecule's neurotrophic properties.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 18 kDa

### Swiss-Prot:

P21741

### 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

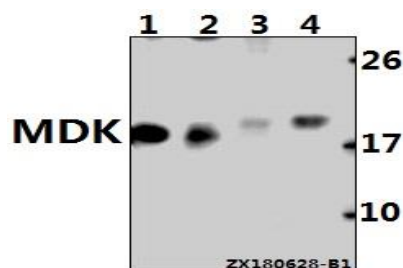
### Storage&Stability:

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

### Specificity:

MDK (D143) polyclonal antibody detects endogenous levels of MDK protein.

### DATA:



Western blot (WB) analysis of MDK (D143) pAb at 1:500 dilution

Lane1:A375 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:CT26 whole cell lysate(40ug)

Lane4:The Testis tissue lysate of Rat(40ug)

### Note:

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

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