

## MMP26 polyclonal antibody

Catalog: BS60573

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Metalloproteinases (MMPs) are a family of proteins that are involved in the breakdown of the extracellular matrix during normal cellular events, including reproduction, tissue remodeling and embryonic development. MMP-26 (matrix metalloproteinase-26), also known as Endometase or Matrilysin-2, is a 261 amino acid metalloproteinase that is secreted as an inactive protein and is activated upon cleavage by extracellular proteinases. Expressed specifically in the placenta and uterus, MMP-26 hydrolyzes (and subsequently degrades) a variety of proteins such as Fibrinogen, Fibronectin, Vitronectin and collagen type IV (COL4). MMP-26 binds zinc and calcium as cofactors and, unlike other MMP family members, lacks a conserved C-terminal domain. MMP-26 is widely expressed in a number of malignant tumor lines where it is thought to play an important role in tissue remodeling events that are associated with carcinogenesis.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 29 kDa

### Swiss-Prot:

Q9NRE1

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

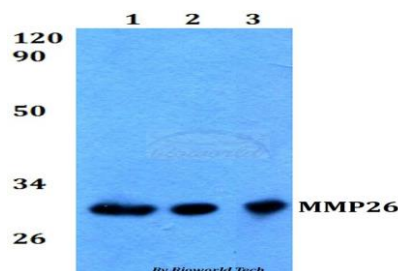
### Storage&Stability:

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

### Specificity:

MMP26 polyclonal antibody detects endogenous levels of MMP26 protein.

### DATA:



Western blot (WB) analysis of MMP26 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

### Note:

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

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