

MFAP2 polyclonal antibody

Catalog: BS3985

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Elastic fibers endow loose connective tissue with a resilience that complements the tensile strength of collagenous fibers. They are composed of the protein elastin and a network of 10-12 nm microfibrils, which contain several glycoproteins, including fibrillin-1, fibrillin-2 and the microfibril-associated glycoproteins MAGP-1 and MAGP-2. During elastogenesis, MAGP-1 and MAGP-2 bind the fibrillins to tropoelastin in the extracellular matrix of several elastic and non-elastic tissues. MAGP-1 is an O-Glycosylated protein secreted to the extracellular space and the extracellular matrix. MAGP-1 associates with Biglycan and elastin in a ternary complex. It can make intermolecular disulfide bonds with other MAGP-1 molecules or with other microfibril components and may form transglutaminase cross-links. Underexpression and overexpression of the Zebrafish homolog of MAGP-1 (Magp-1) protein levels demonstrate the critical role of MAGP-1 in vascular development.

Product:

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

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P55001

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: 1:1000~1:2000

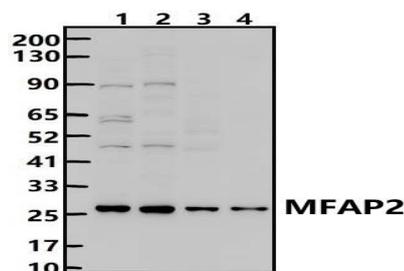
Storage&Stability:

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

Specificity:

MFAP2 polyclonal antibody detects endogenous levels of MFAP2 protein.

DATA:



Western blot (WB) analysis of MFAP2 polyclonal antibody at 1:1000 dilution

Lane1:HeLa whole cell lysate(30ug)

Lane2:MCF-7 whole cell lysate(30ug)

Lane3:The Brain tissue lysate of Mouse(30ug)

Lane4:The Lung tissue lysate of Rat(30ug)

Note:

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

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