

TNFAIP6 polyclonal antibody

Catalog: BS61291

Host: Rabbit

Reactivity: Human, Rat

BackGround:

The TSG6 gene is transcribed in normal fibroblasts and activated by binding of the cytokines TNF α and IL-1 at AP-1 and NF-IL6 sites in its promoter. TSG-6 is a glycoprotein and a member of the hyaluronan-binding protein family, which includes cartilage link protein, proteoglycan core protein and the adhesion receptor CD44. TSG-6 is highly homologous to CD44, particularly in the hyaluronic acid-binding domain. TSG-6 is found in TNF-treated cells; its expression is rapidly activated by TNF α , IL-1 and lipopolysaccharide in normal fibroblasts, peripheral blood mononuclear cells, synovial cells and chondrocytes. The presence of TSG-6 in synovial fluid suggests a possible role in rheumatoid arthritis. TSG-6 forms a stable complex with components of the serine protease inhibitor, inter- α -inhibitor (I α I). TSG-6 potentiates the inhibitory effect of I α I on the protease activity of plasmin. Through their cooperative inhibitory effect on plasmin, TSG-6 and I α I can modulate the protease network and thus inhibit inflammation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 31 kDa

Swiss-Prot:

P98066

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

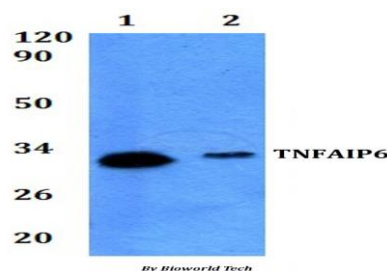
Storage&Stability:

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

Specificity:

TNFAIP6 polyclonal antibody detects endogenous levels of TNFAIP6 protein.

DATA:



Western blot (WB) analysis of TNFAIP6 polyclonal antibody at 1:500 dilution

Lane1:293T whole cell lysate Lane2:RAW264.7 whole cell lysate

Note:

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

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