

## 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 $\alpha$  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 $\alpha$ , 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- $\alpha$ -inhibitor (I $\alpha$ I). TSG-6 potentiates the inhibitory effect of I $\alpha$ I on the protease activity of plasmin. Through their cooperative inhibitory effect on plasmin, TSG-6 and I $\alpha$ I can modulate the protease network and thus inhibit inflammation.

### Product:

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

### 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

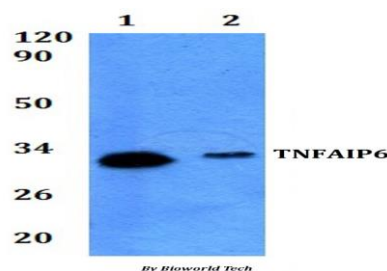
### Storage&Stability:

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.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151