

## TGFBR3 polyclonal antibody

Catalog: BS60728

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

A total of three members of the TGF $\beta$  family, TGF $\beta$ 1, TGF $\beta$ 2 and TGF $\beta$ 3, have been identified in mammals. Each is synthesized as a latent precursor that is subsequently cleaved forming the 112 amino acid growth factor which becomes active upon dimerization. TGF $\beta$ s mediate their activity by high affinity binding to the type II receptor transmembrane protein with a cytoplasmic serine-threonine kinase domain. TGF $\beta$  RIII (transforming growth factor beta receptor type 3), also known as TGFBR3 or TGFR-3, is an 850 amino acid secreted and single-pass type I membrane protein that contains one ZP domain and may assist in capturing TGF $\beta$  for presentation to signaling receptors. TGF $\beta$  RIII undergoes post-translational modification by glycosaminoglycan groups (GAG) and is encoded by a gene that maps to human chromosome 1p22.1.

### Product:

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

### Molecular Weight:

~ 93 kDa

### Swiss-Prot:

Q03167

### 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

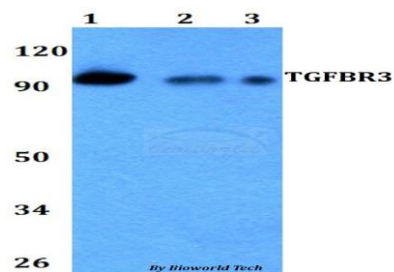
### Storage&Stability:

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

### Specificity:

TGFBR3 polyclonal antibody detects endogenous levels of TGFBR3 protein.

### DATA:



Western blot (WB) analysis of TGFBR3 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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