

TGF α polyclonal antibody

Catalog: BS60009

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Transforming growth factor- α (TGF α) is an acid- and heat-stable 50 amino acid protein originally found in rodents and humans. TGF α is 33% homologous at the amino acid level to epidermal growth factor (EGF). TGF α binds to the EGF receptor, mediates tyrosine phosphorylation of the receptor and promotes anchorage-independent growth of normal rat fibroblasts in soft agar in the presence of transforming growth factor- β . TGF α is secreted by a variety of transformed cells and tumors, embryonic cells and some normal adult cells. TGF α bioactivity has been found in the urine of cancer patients. It has been suggested that it may act as an auto-crine growth factor for the induction or maintenance of malignancy.

Product:

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

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P01135

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

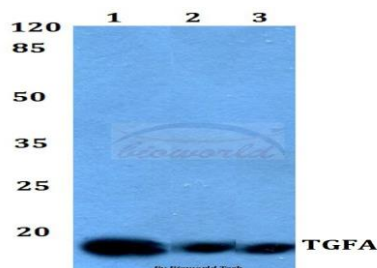
Storage&Stability:

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

Specificity:

TGF α polyclonal antibody detects endogenous levels of TGF α protein.

DATA:



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

Lane1:THP-1 whole cell lysate

Lane2:Mouse brain tissue lysate

Lane3:Rat brain tissue lysate

Note:

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

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