

TGFβ1 (Y369) polyclonal antibody

Catalog: BCP01636

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Transforming growth factor betas (TGFβs) were originally discovered due to their ability to promote anchorage-independent growth of rat NRK fibroblasts in the presence of TGFα. It is now realized that TGFβs mediate many cell-cell interactions that occur during embryonic development. Three TGFβs have been identified in mammals. TGFβ1, TGFβ2 and TGFβ3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecules.

Product:

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

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P01137

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:

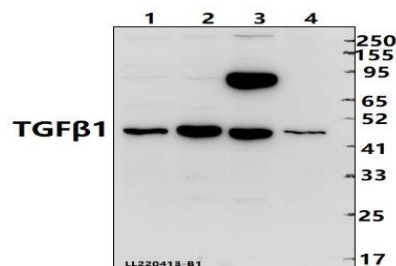
WB: 1:5000~1:10000

Storage&Stability:

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

Specificity:

TGF β1 (Y369) polyclonal antibody detects endogenous levels of TGF β1 protein.

DATA:

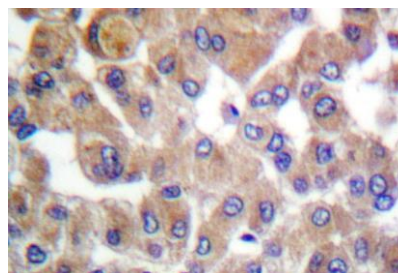
Western blot (WB) analysis of TGFβ1 (Y369) pAb at 1:5000 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:BV2 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

**Note:**

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