

TWEAK (P73) polyclonal antibody

Catalog: BCP01688

Host: Rabbit

Reactivity: Human

BackGround:

TWEAK is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. It is widely expressed, has high constitutive expression in heart placenta, lung, muscle, kidney, pancreas, and HUVEC. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. TWEAK can induce apoptosis via multiple pathways of cell death in a cell type specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis.

Product:

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

Molecular Weight:

~ 27 kDa

Swiss-Prot:

O43508

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

IHC: 1:50~1:200

IF: 1:50~1:200

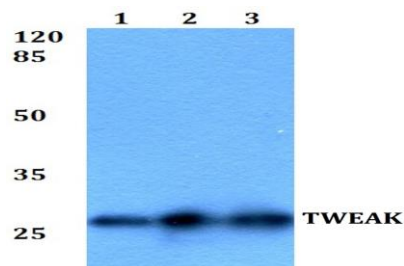
Storage&Stability:

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

Specificity:

TWEAK (P73) polyclonal antibody detects endogenous levels of TWEAK protein.

DATA:



Western blot (WB) analysis of TWEAK (P73) polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

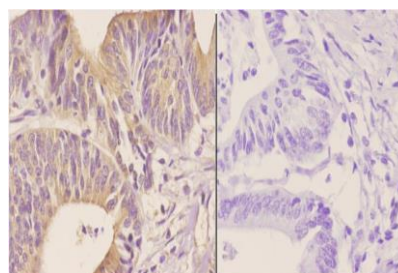
Lane3:HEK293T whole cell lysate(40ug)

Lane4:A2780 whole cell lysate(40ug)

Lane5:SP2/0 whole cell lysate(40ug)

Lane6:C6 whole cell lysate(40ug)

Lane7:PC12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of TWEAK (P73) pAb in paraffin-embedded human colon carcinoma tissue at 1:50, showing secreted and cell membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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