

FGFR2 (V501) polyclonal antibody

Catalog: BS1124

Host: Rabbit

Reactivity: Human

BackGround:

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor (or FGFR-2), FGFR-3, FGFR- 4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligandbinding region containing three immunoglobulin-like domains, a trans-membrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human Bek (also esignated K-sam) maps to chromosome 10q26 and is alternatively spliced to produce several isoforms. Heterogeneous mutations in Bek are associated with a range of cranio-synostosis syndromes including Pfeiffer syndrome, Crouzon syndrome, Jackson-Weiss syndrome and Apert syndrome.

Product:

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

Molecular Weight:

~ 120,95,86 kDa

Swiss-Prot:

P21802

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: 1:500~1000

IHC: 1:50~1:200

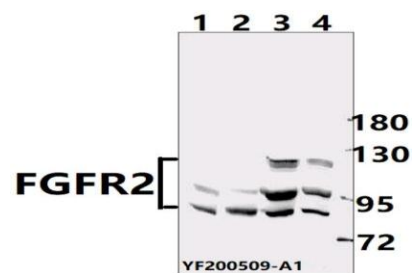
Storage&Stability:

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

Specificity:

FGFR2 (V501) polyclonal antibody detects endogenous levels of FGFR2 protein.

DATA:



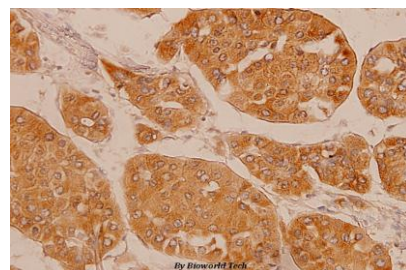
Western blot (WB) analysis of FGFR2 pAb at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

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

Lane3:Myla2059 whole cell lysate(40ug)

Lane4:HCT116 whole cell lysate (40ug)



Immunohistochemistry (IHC) analyzes of FGFR2 (V501) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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