FGF-13 (H184) polyclonal antibody

Catalog: BCP00771 Host: Rabbit Reactivity: Human,Mouse,Rat

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 receptors usually contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. Fibroblast growth factor-13 (FGF-13), also known as FHF-2, is involved in nervous system development. The FGF13 gene, mapping by linkage to the q26 region of the human X chromosome, is a candidate gene for the Borjeson-Forssman-Lehmann syndrome (BFLS), an Xlinked mental retardation. It is highly expressed in brain and skeletal muscle.

Product:

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

Molecular Weight:

~ 28 kDa

Swiss-Prot:

Q92913

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

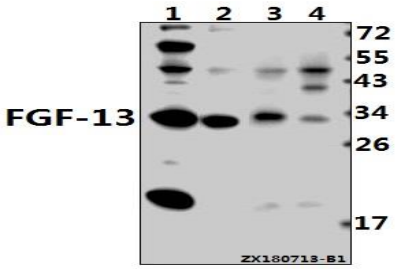
Storage&Stability:

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

Specificity:

FGF-13 (H184) polyclonal antibody detects endogenous levels of FGF-13 protein.

DATA:



Western blot (WB) analysis of FGF-13 (H184) pAb at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

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

Lane3:The Brain tissue lysate of Mouse(40ug)

Lane4:The Brain tissue lysate of Rat(40ug)

Note:

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

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