

FGF-13 Polyclonal Antibody

Catalog No: YT1696

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: FGF-13

Gene Name: FGF13

Protein Name: Fibroblast growth factor 13

Q92913

P70377

Human Gene ld: 2258

Human Swiss Prot

No:

Mouse Gene Id: 14168

Mouse Swiss Prot

No:

Rat Gene ld: 84488

Rat Swiss Prot No: Q9ERW3

Immunogen: The antiserum was produced against synthesized peptide derived from human

FGF13. AA range:154-203

Specificity: FGF-13 Polyclonal Antibody detects endogenous levels of FGF-13 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 28kD

Location:

Cell Pathway: MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and

Cytoskeleton;Pathways in cancer;Melanoma;

Background: The protein encoded by this gene is a member of the fibroblast growth factor

(FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including

embryonic development, cell growth, morphogenesis, tissue repair, tumor growth,

and invasion. This gene is located in a region on chromosome X, which is associated with Borjeson-Forssman-Lehmann syndrome (BFLS), making it a possible candidate gene for familial cases of the BFLS, and for other syndromal and nonspecific forms of X-linked mental retardation mapping to this region.

Alternative splicing of this gene at the 5' end results in several transcript variants encoding different isoforms with different N-termini. [provided by RefSeq.

Nov 2008],

Function: function:Probably involved in nervous system development and

function., similarity: Belongs to the heparin-binding growth factors family., tissue

specificity: Nervous system.,

Subcellular [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Cytoplasm

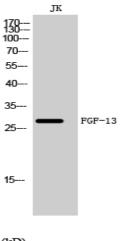
. Nucleus .; [Isoform 4]: Cytoplasm . Nucleus .; [Isoform 5]: Cytoplasm . Nucleus .; Cell projection, filopodium . Cell projection, growth cone . Cell projection, dendrite . Cell membrane, sarcolemma . Cytoplasm . Not secreted. Localizes to the lateral

membrane and intercalated disks of myocytes. .

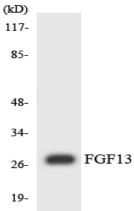
Expression: Ubiquitously expressed. Predominantly expressed in the nervous system.

Products Images

2/3



Western Blot analysis of JK cells using FGF-13 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from Jurkat cells using FGF13 antibody.