

FGF-20 Polyclonal Antibody

YT5178 Catalog No:

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

FGF-20 **Target:**

Fields: >>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling

pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling

pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric

cancer

Gene Name: FGF20

Protein Name: Fibroblast growth factor 20

Human Gene Id: 26281

Human Swiss Prot

No:

Mouse Gene Id: 80857

Mouse Swiss Prot

No:

Q9ESL9

Q9NP95

Rat Gene Id:

66017

Rat Swiss Prot No: Q9EST9

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

Internal region of human FGF20. AA range:151-200

Specificity: FGF-20 Polyclonal Antibody detects endogenous levels of FGF-20 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. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

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: 23kD

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

family. The fibroblast growth factors 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 product is a secreted neurotrophic factor but lacks a typical signal peptide. It is expressed in normal brain, particularly the cerebellum,

and may regulate central nervous system development and function.

Homodimerization of this protein was shown to regulate its receptor binding activity and concentration gradient in the extracellular matrix. Genetic variations of this gene have been associated with Parkinson disease susceptibility. [provided]

by RefSeq, Oct 2009],

Function: function:Neurotrophic factor that regulates central nervous development and

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

specificity:Predominantly expressed in the cerebellum.,

Subcellular

Location:

Secreted.

Expression : Predominantly expressed in the cerebellum.

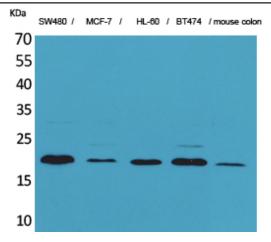
Sort: 6021

No4:

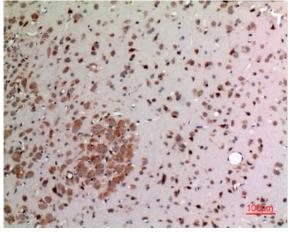
Host: Rabbit

Modifications: Unmodified

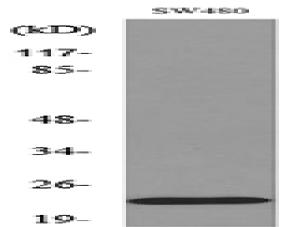
Products Images



Western Blot analysis of SW480, MCF-7, HL-60, BT474, mouse colon cells using FGF-20 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Western blot analysis of lysate from SW480 cells, using FGF20 Antibody.