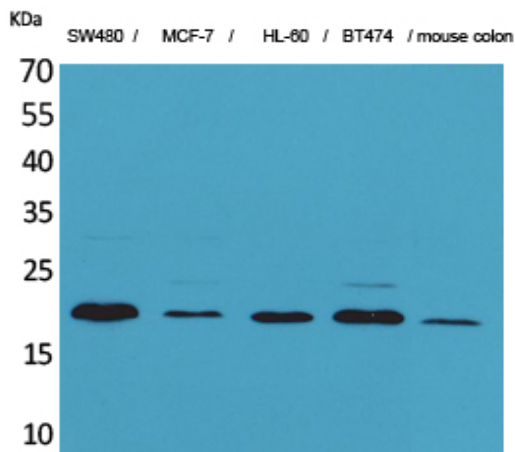


FGF-20 Polyclonal Antibody

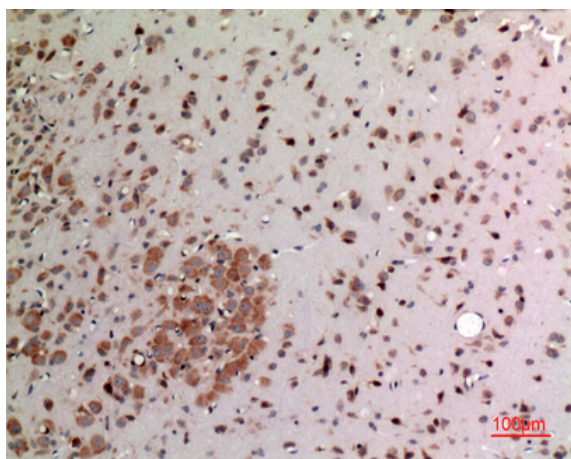
Catalog No :	YT5178
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	FGF-20
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical 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 :	Q9NP95
Mouse Gene Id :	80857
Mouse Swiss Prot No :	Q9ESL9
Rat Gene Id :	66017
Rat Swiss Prot No :	Q9EST9
Immunogen :	The antiserum was produced against synthesized peptide derived from the 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 :	<p>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],</p>
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.

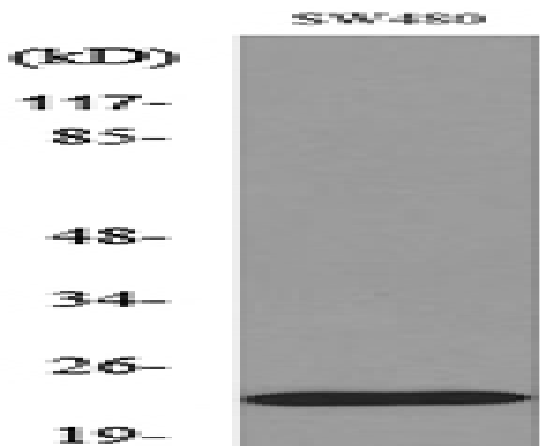
Products Images



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.