

FGF9 Rabbit pAb

CatalogNo: YT5179

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 23kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-300

ELISA 1:20000

IF 1:50-200

Storage

Storage*

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

Formulation

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

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF9. AA range: 141-190

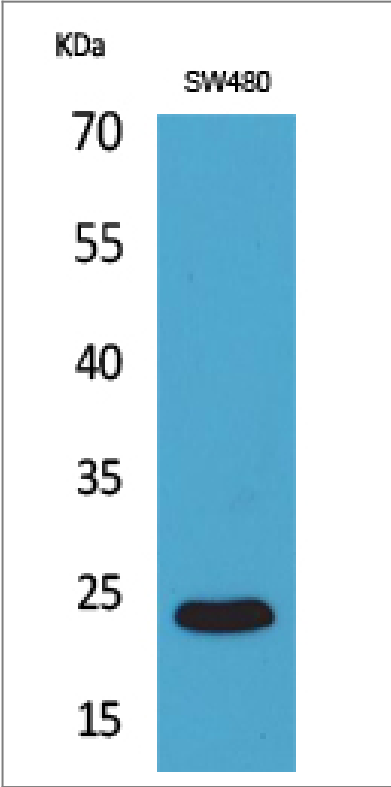
Specificity

FGF-9 Polyclonal Antibody detects endogenous levels of FGF-9 protein.

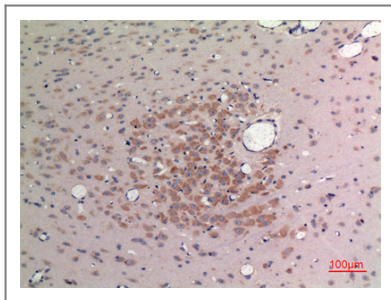
Target Information

Gene name	FGF9		
Protein Name	Fibroblast growth factor 9		
	Organism	Gene ID	UniProt ID
	Human	2254;	P31371;
	Mouse	14180;	P54130;
	Rat	25444;	P36364;
Cellular Localization	Secreted.		
Tissue specificity	Glial cells.		
Function	Disease:The continuous overexpression of GAFS may lead to malignant cell growth caused by an autocrine loop.,Function:May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.,PTM:N-glycosylated.,PTM:Three molecular species were found (30 kDa, 29 kDa and 25 kDa), cleaved at Leu-4, Val-13 and Ser-34 respectively. The smaller ones might be products of proteolytic digestion. Furthermore, there may be a functional signal sequence in the 30 kDa species which is uncleavable in the secretion step.,similarity:Belongs to the heparin-binding growth factors family.,subunit:Monomer.,tissue specificity:Glial cells.,		

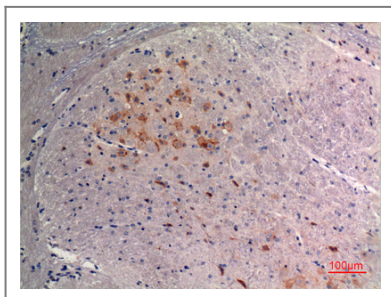
| Validation Data



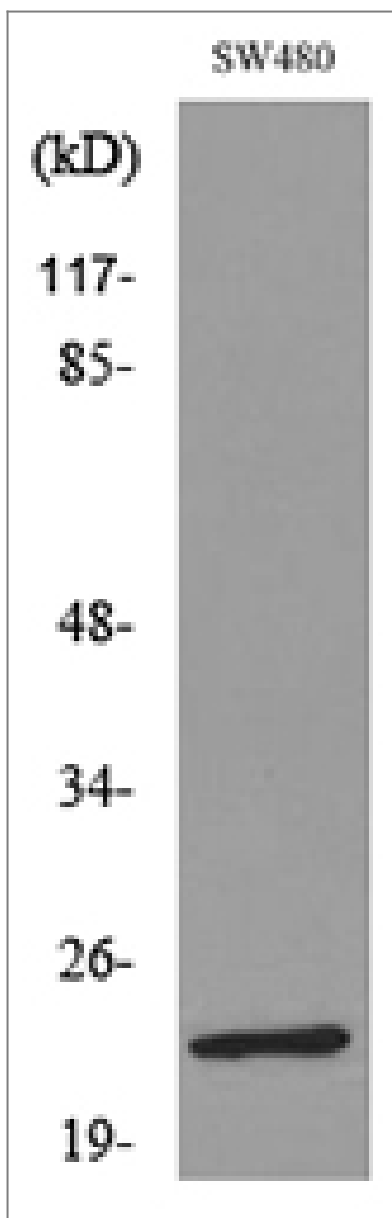
Western Blot analysis of SW480 cells using FGF-9 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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



Western blot analysis of lysate from SW480 cells, using FGF9 Antibody.

| Contact information

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Please scan the QR code
to access additional
product information:
FGF9 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)