



FGF-18 Polyclonal Antibody

Catalog No	BYab-31620
Isotype	IgG
Reactivity	Human;Mouse;Rat,Sheep
Applications	WB;IHC;IF;ELISA
Gene Name	FGF18
Protein Name	Fibroblast growth factor 18
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF18. AA range:158-207
Specificity	FGF-18 Polyclonal Antibody detects endogenous levels of FGF-18 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FGF18; Fibroblast growth factor 18; FGF-18; zFGF5
Observed Band	28kD
Cell Pathway	Secreted .
Tissue Specificity	Lung,Ovary,
Function	function:Stimulates hepatic and intestinal proliferation.,similarity:Belongs to the heparin-binding growth factors family.,
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. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine.

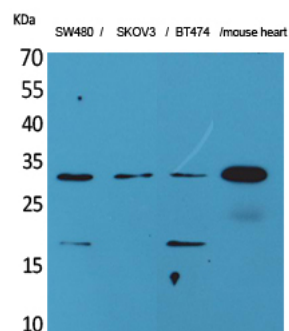
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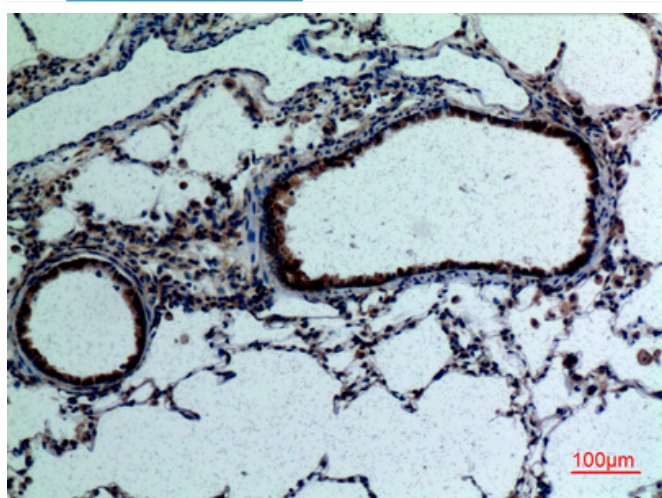
	Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



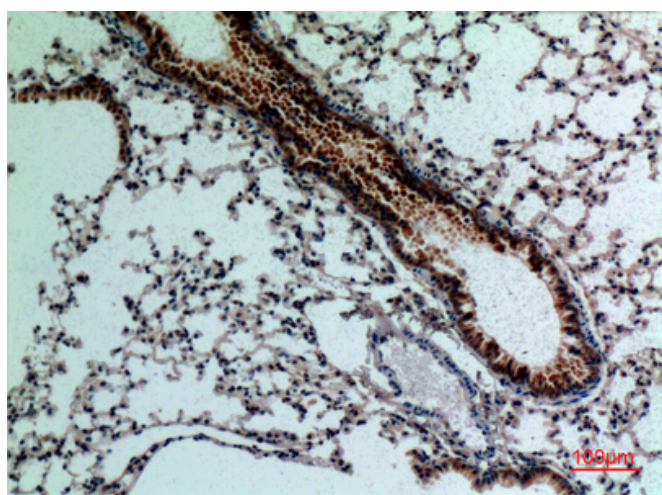
Products Images



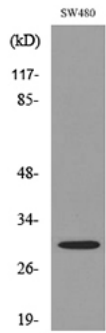
Western Blot analysis of SW480, SKOV3, BT474, mouse heart cells using FGF-18 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



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



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



Western blot analysis of lysate from SW480 cells, using FGF18 Antibody.