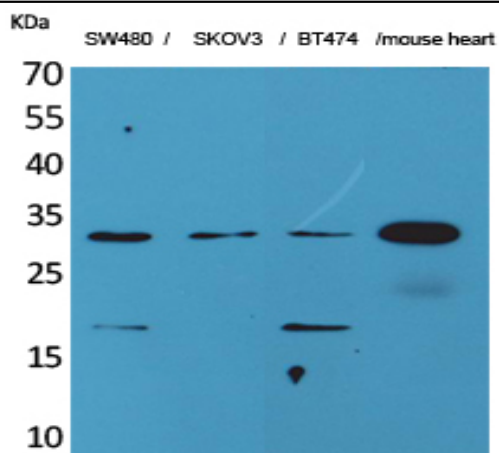


FGF-18 Polyclonal Antibody

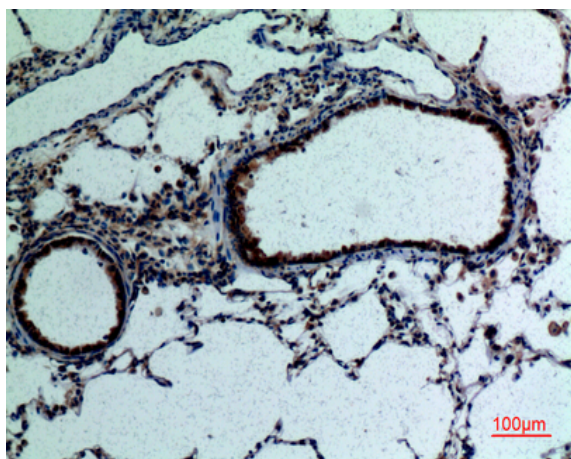
Catalog No :	YT5181
Reactivity :	Human;Mouse;Rat;Sheep
Applications :	WB;IHC;IF;ELISA
Target :	FGF-18
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric cancer
Gene Name :	FGF18
Protein Name :	Fibroblast growth factor 18
Human Gene Id :	8817
Human Swiss Prot No :	O76093
Mouse Gene Id :	14172
Mouse Swiss Prot No :	O89101
Rat Gene Id :	29369
Rat Swiss Prot No :	O88182
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

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 :	28kD
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 (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. 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],</p>
Function :	function:Stimulates hepatic and intestinal proliferation.,similarity:Belongs to the heparin-binding growth factors family.,
Subcellular Location :	Secreted .
Expression :	Lung,Ovary,

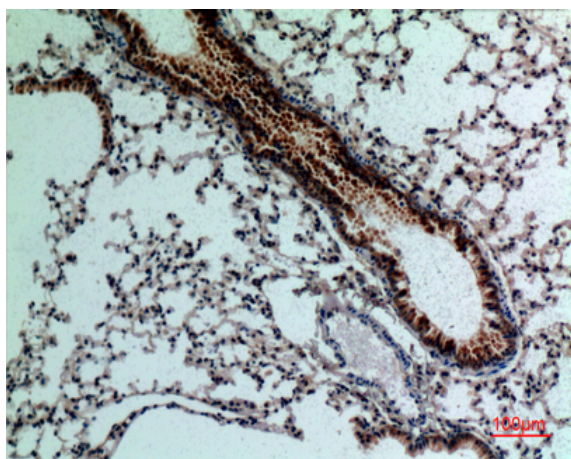
Products Images



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, Inventbiotech, 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