



FGF-18 Polyclonal Antibody

Cat #: ABP52912

Size: 30µl /100µl /200µl

Product Information

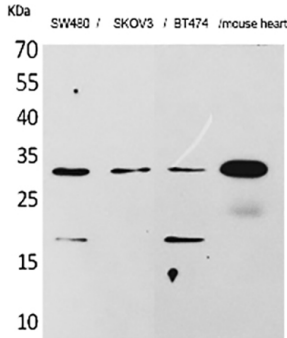
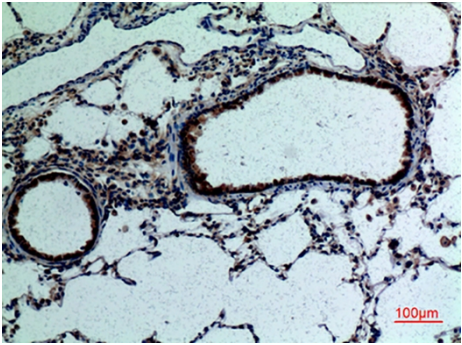
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| | Product Name: FGF-18 Polyclonal Antibody | | |
| | Applications: WB, IHC-P, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human, Mouse, Rat | | |
| REF | Catalog Number: ABP52912 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: Fibroblast growth factor 18 encoded by FGF18 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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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|  | <p>Fig.1. Western Blot analysis of SW480, SKOV3, BT474, Mouse heart cells using FGF-18 Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.</p> |
|  | <p>Fig.2. Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100.</p> |

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