

Product Name: FGF18 Rabbit Polyclonal Antibody
Catalog #: APRab00517



Summary

| | |
|------------------------|----------------------------------|
| Production Name | FGF18 Rabbit Polyclonal Antibody |
| Description | Primary antibody |
| Host | Rabbit |
| Application | WB,IHC-P,ELISA |
| Reactivity | Human,Mouse,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|---|
| Gene Name | FGF18 |
| Alternative Names | FGF18; Fibroblast growth factor 18; FGF-18; zFGF5 |
| Gene ID | 8817 |
| SwissProt ID | O76093 |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000 |
| Molecular Weight | Calculated MW: 24 kDa; Observed MW: 28 kDa |

Background

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess

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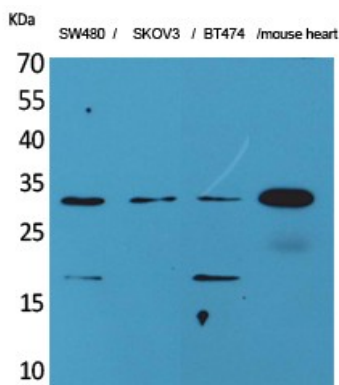


broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. 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.

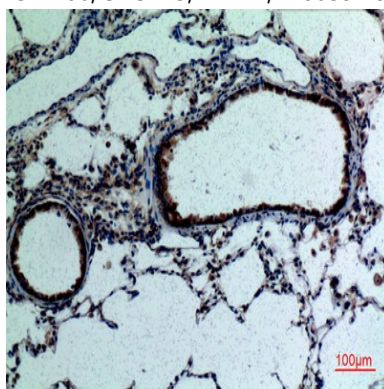
Research Area

Signal Transduction

Image Data

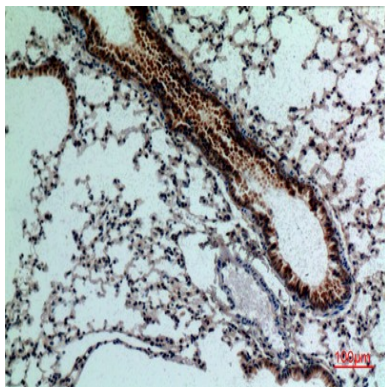


Western blot analysis of FGF18 in SW480, SKOV-3, BT474, mouse heart lysates using FGF18 antibody.



Immunohistochemistry analysis of paraffin-embedded rat lung using FGF18 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Note

For research use only.