

Anti-Fibroblast growth factor 19 FGF19 Antibody Picoband®

Catalog Number: PA1476

About FGF19

FGF19, Fibroblast growth factor 19, is a protein that in humans is encoded by the FGF19 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. The FGF19 gene is mapped to 11q13.3. The deduced 216-amino acid FGF19 protein contains a signal sequence and 2 cysteine residues that are conserved in the FGF family. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. FGF19 stimulates hepatic protein and glycogen synthesis but does not induce lipogenesis. The effects of FGF19 are independent of the activity of either insulin or the protein kinase Akt and, instead, are mediated through a mitogen-activated protein kinase signaling pathway that activates components of the protein translation machinery and stimulates glycogen synthase activity.

Overview

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| Product Name | Anti-Fibroblast growth factor 19 FGF19 Antibody Picoband® |
| Reactive Species | Human |
| Description | Boster Bio Anti-Fibroblast growth factor 19 FGF19 Antibody catalog # PA1476. Tested in IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | O95750 |

Technical Details

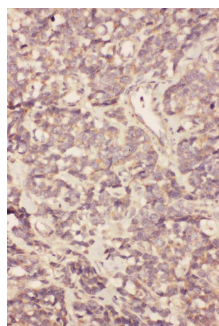
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| Immunogen | A synthetic peptide corresponding to a sequence in the middle region of human FGF19. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P). |

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| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human |

Anti-Fibroblast growth factor 19 FGF19 Antibody Picoband® (PA1476) Images



Anti-FGF19 antibody, PA1476, Western blotting
All lanes: Anti FGF19 (PA1476) at 0.5ug/ml
Lane 1: U87 Whole Cell Lysate at 40ug
Lane 2: SMMC Whole Cell Lysate at 40ug
Predicted bind size: 24KD
Observed bind size: 24KD



Anti-FGF19 antibody, PA1476, IHC(P)
IHC(P): Human Gallbladder Cancer Tissue

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Anti-Fibroblast growth factor 19 FGF19 Antibody

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