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Datasheet for ABIN952308
anti-FGF16 antibody (N-Term)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 0.4 mL |
| Target: | FGF16 |
| Binding Specificity: | AA 29-58, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FGF16 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human FGF16 |
| Isotype: | Ig Fraction |
| Specificity: | This antibody reacts to FGF16. |
| Cross-Reactivity (Details): | Species reactivity (tested):Mouse. |
| Purification: | Affinity chromatography on Protein A |

Target Details

| | |
|---------|-------|
| Target: | FGF16 |
|---------|-------|

Target Details

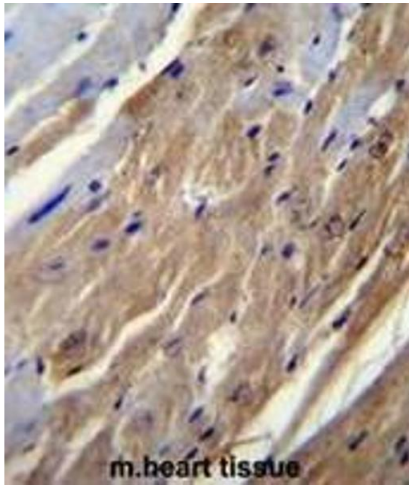
| | |
|-------------------|--|
| Alternative Name: | FGF16 (FGF16 Products) |
| Background: | The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The rat homolog is predominantly expressed in embryonic brown adipose tissue and has significant mitogenic activity, which suggests a role in proliferation of embryonic brown adipose tissue. Synonyms: FGF-16, Fibroblast growth factor 16 |
| Molecular Weight: | 23759 Da |
| Gene ID: | 8823 |
| NCBI Accession: | NP_003859 |
| Pathways: | Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

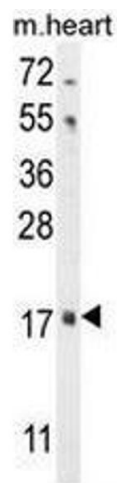
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS, 0.09 % (W/V) sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. FGF16 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FGF16 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. FGF16 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35µg/lane). This demonstrates the FGF16 antibody detected the FGF16 protein (arrow).