Datasheet for ABIN2856601
anti-BMP10 antibody (C-Term)

## 2 Images

## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | BMP10 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BMP10 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Immunogen: | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus <br> region of human BMP10. The exact sequence is proprietary. |
| :--- | :--- |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Rabbit Polyclonal antibody to BMP10 (bone morphogenetic protein 10) <br> BMP10 antibody [C3], C-term |
| Purification: | Purified by antigen-affinity chromatography. |
| Target Details | BMP10 |

Target Details

| Alternative Name: | bone morphogenetic protein 10 (BMP10 Products) |
| :--- | :--- |
| Background: | The protein encoded by this gene is a member of the TGF-beta family of growth factors. Data <br> suggest that the similar protein in mouse plays an important role in trabeculation of the <br> embryonic heart. In human, this protein may signal through receptor serine/threonine kinases. <br>  <br>  <br> Cellular Localization: Secreted <br> Molecular Weight:$\quad 48 \mathrm{kDa}$ |
| Gene ID: | 27302 |
| UniProt: | 095393 |
| Pathways: | Hormone Activity, Regulation of Muscle Cell Differentiation |

## Application Details

| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| :---: | :---: |
| Comment: | Positive Control: H1299 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $0.51 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | 0.1M Tris-Glycine ( pH 7 ), $10 \%$ Glycerol, 0.01 \% Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage ( $1-2$ weeks), store at $4^{\circ} \mathrm{C}$. For long-term storage, aliquot and store at $-20^{\circ} \mathrm{C}$ or below. Avoid multiple freeze-thaw cycles. |



## Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using BMP10, antibody at 1:250 dilution.


## Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A:
H1299 10\% SDS PAGE antibody diluted at 1:500

