

### **GDF-3 Polyclonal Antibody**

**Catalog # AP73829** 

## **Specification**

## **GDF-3 Polyclonal Antibody - Product Information**

Application WB
Primary Accession Q9NR23
Reactivity Human
Host Rabbit
Clonality Polyclonal

## **GDF-3 Polyclonal Antibody - Additional Information**

**Gene ID** 9573

**Other Names** 

GDF3; Growth/differentiation factor 3; GDF-3

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format** 

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

## **GDF-3 Polyclonal Antibody - Protein Information**

#### Name GDF3

#### **Function**

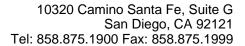
Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor CRIPTO (By similarity). Regulates adipose-tissue homeostasis and energy balance under nutrient overload in part by signaling through the receptor complex based on ACVR1C and CRIPTO/Cripto (PubMed:<a href="http://www.uniprot.org/citations/21805089" target="blank">21805089</a>).

#### **Cellular Location**

Secreted. Cytoplasm. Note=Mainly accumulated in the cytoplasm

#### **GDF-3 Polyclonal Antibody - Protocols**

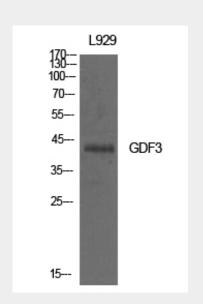
Provided below are standard protocols that you may find useful for product applications.

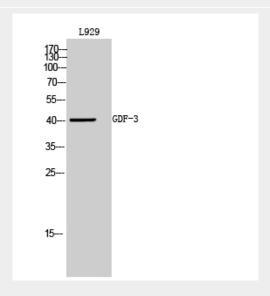




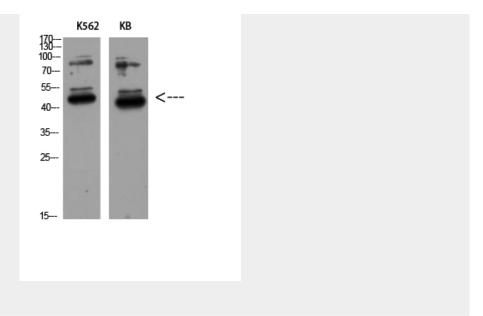
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **GDF-3 Polyclonal Antibody - Images**









**GDF-3 Polyclonal Antibody - Background** 

Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor TDGF1/Cripto (By similarity). Regulates adipose-tissue homeostasis and energy balance under nutrient overload in part by signaling through the receptor complex based on ACVR1C and TDGF1/Cripto (PubMed:21805089).