**Overview**

**Quantity:** 100 μL  
**Target:** GDF10  
**Binding Specificity:** AA 339-477  
**Reactivity:** Mouse  
**Host:** Rabbit  
**Clonality:** Polyclonal  
**Conjugate:** This GDF10 antibody is un-conjugated  
**Application:** Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

**Product Details**

**Purpose:** Polyclonal Antibody to Growth Differentiation Factor 10 (GDF10)  
**Immunogen:** Recombinant Growth Differentiation Factor 10 (GDF10) corresponding to Lys339–Arg477 with N-terminal His Tag  
**Isotype:** IgG  
**Specificity:** The antibody is a rabbit polyclonal antibody raised against GDF10. It has been selected for its ability to recognize GDF10 in immunohistochemical staining and western blotting.  
**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Target Details**

**Target:** GDF10
**Target Details**

**Alternative Name:** Growth Differentiation Factor 10 (GDF10 Products)

**Background:** BMP3b, BIP, Bone-inducing protein, Bone morphogenetic protein 3B

**Application Details**

**Application Notes:**
- Western blotting: 0.5-2 μg/mL
- Immunohistochemistry: 5-20 μg/mL
- Immunocytochemistry: 5-20 μg/mL

Optimal working dilutions must be determined by end user.

**Comment:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Restrictions:** For Research Use only

**Handling**

**Format:** Liquid

**Buffer:** 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

**Expiry Date:** 24 months
**Immunohistochemistry**

**Image 1.** #VALUE!

**Western Blotting**

**Image 2.** Detection of GDF10 in Mouse Sp2/0 Cells using Polyclonal Antibody to Growth Differentiation Factor 10 (GDF10)

**Western Blotting**

**Image 3.** Detection of Recombinant GDF10, Mouse using Polyclonal Antibody to Growth Differentiation Factor 10 (GDF10)