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Datasheet for ABIN7154533

anti-GDF1 antibody (AA 369-478)

3 Images

Overview

Quantity:	100 µg
Target:	GDF1
Binding Specificity:	AA 369-478
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Growth/differentiation factor 10 protein (369-478AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	GDF1
Alternative Name:	GDF1 (GDF1 Products)
Background:	Background: Growth factor involved in osteogenesis and adipogenesis. Plays an inhibitory role in the process of osteoblast differentiation via SMAD2/3 pathway. Plays an inhibitory role in the

Target Details

process of adipogenesis.

Aliases: BIP antibody, BMP 3b antibody, BMP-3b antibody, BMP3B antibody, BMP3B_HUMAN antibody, Bone inducing protein antibody, Bone morphogenetic protein 3b [Precursor] antibody, Bone morphogenetic protein 3b antibody, Bone-inducing protein antibody, GDF 10 antibody, GDF-10 antibody, Gdf10 antibody, growth differentiation factor 10 antibody, Growth/differentiation factor 10 antibody

UniProt: [P55107](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

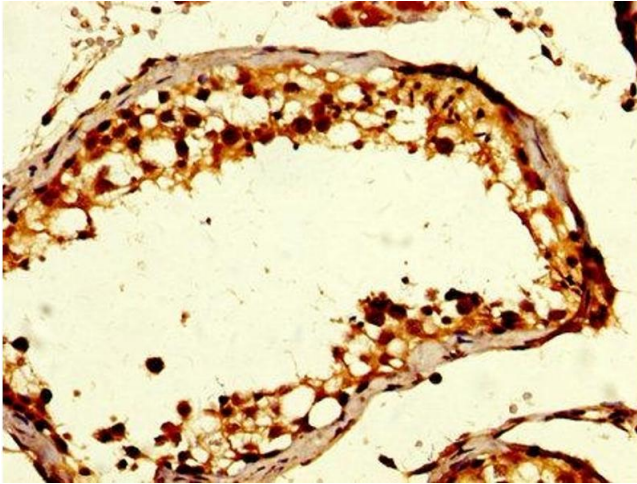
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

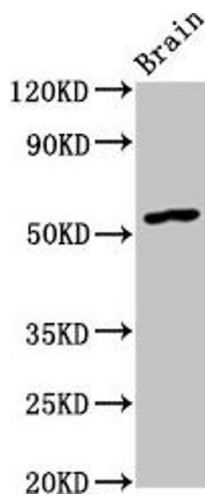
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



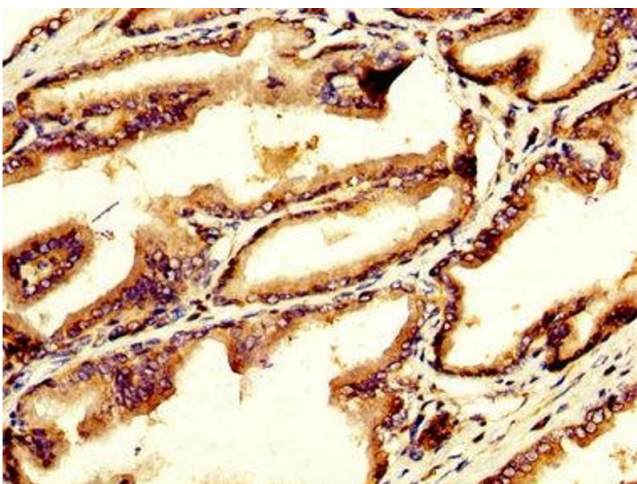
Immunohistochemistry

Image 1. IHC image of ABIN7154533 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat brain tissue All lanes: GDF10 antibody at 4.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 54 kDa Observed band size: 54 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7154533 diluted at 1:200 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.