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Datasheet for ABIN734537  
**anti-GDF1 antibody (AA 301-372) (HRP)**

### Overview

Quantity:	100 µL
Target:	GDF1
Binding Specificity:	AA 301-372
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GDF-1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Guinea Pig
Purification:	Purified by Protein A.

### Target Details

Target:	GDF1
Alternative Name:	GDF1 ( <a href="#">GDF1 Products</a> )
Background:	Synonyms: DORV, DTGA3, Embryonic growth/dferentiation factor 1, GDF 1, GDF-1, GDF1,

## Target Details

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GDF1\_HUMAN, Growth differentiation factor 1.

Background: This gene encodes a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site that is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This protein is involved in the establishment of left-right asymmetry in early embryogenesis and in neural development in later embryogenesis. This protein is transcribed from a monocistronic mRNA early in development, and from a bicistronic mRNA in later stages that also encodes the LAG1 homolog, ceramide synthase 1 gene.

## Application Details

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Application Notes:           WB 1:300-5000  
  IHC-P 1:200-400  
  IHC-F 1:100-500

Restrictions:                 For Research Use only

## Handling

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Format:                        Liquid

Concentration:                1 µg/µL

Buffer:                        Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative:                 ProClin

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

Handling Advice:             Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage:                      -20 °C

Storage Comment:             Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date:                 12 months