

GDF1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:1000

Calculated MW: 39kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human GDF1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

RAI; DORV; DTGA3;

Catalog #: A2950

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2657

Isotype: IgG

Swiss Prot: P27539

Purity: Affinity purification

For research use only.

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. Studies in rodents suggest that 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 bicistronic mRNA that also encodes the longevity assurance gene. Mutations in this gene are associated with several congenital cardiovascular malformations.

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