



GDF1, Growth differentiation factor 1 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10693
Animal ID	RB1871-1872
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_001492
Amount	100µg

Alternative Name(s):

GDF1

References:

1. Ducy P, Karsenty G: The family of bone morphogenetic proteins. *Kidney Int.* 57(6): 2207-2214 (2000). Review.
2. Lee SJ: Expression of growth/differentiation factor 1 in the nervous system: conservation of a bicistronic structure. *Proc. Natl. Acad. Sci. U S A.* 88(10): 4250-4254 (1991).

Growth differentiation factor 1 (GDF1) is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. BMP proteins are secreted growth factors that are characterized by seven conserved cysteine residues. In general, they are regulators of cell growth and differentiation in both embryonic and adult tissues. GDF1 seems to be involved in the establishment of left-right asymmetry in early embryogenesis and in neural development in later stages of development.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

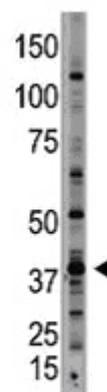
KLH conjugated synthetic peptide comprised of amino acids 45 - 60 [LRDEPQGAPRLRPVPC] of the human growth differentiation factor 1 (GDF1) protein.

Application

Tested by peptide-specific ELISA (1:1,000). WB (1:100 ~1:500)

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.



WB analysis of A375 cell lysate