

bs-1794R**[Primary Antibody]****GDF1 Rabbit pAb****BioSS**
ANTIBODIES

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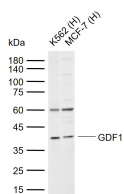
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2657 Target: GDF1 Immunogen: KLH conjugated synthetic peptide derived from human GDF-1: 301-372/372. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. 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.	Isotype: IgG SWISS: P27539	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Dog, GuineaPig) Predicted MW.: 13 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Lane 1: Human K562 cell lysates Lane 2: Human MCF-7 cell lysates Primary: Anti-GDF1 (bs-1794R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 13 kDa Observed band size: 40 kDa

— SELECTED CITATIONS —

- **[IF=3.047]** Wen Chen. et al. Downregulation of ceramide synthase 1 promotes oral cancer through endoplasmic reticulum stress. Int J Oral Sci. 2021 Mar;13(1):1-9 WB ;Mouse. 33753723