

Anti-GDF1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,GuineaPig)
Molecular Weight:	Theoretical: 13 kDa. Actual: 40 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human K562 cell lysates Lane 2: Human MCF-7 cell lysates
Verified Activity:	Primary: Anti-GDF1 (TMAB-06403) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 13 kDa Observed band size: 40 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GDF-1
Antigen Species:	Human
Gene ID:	2657
Uniprot ID:	P27539

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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