

For Research Use Only

GDF1 Polyclonal antibody

Catalog Number: 28345-1-AP



Basic Information

Catalog Number: 28345-1-AP	GenBank Accession Number: NM_001492	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 2657	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: growth differentiation factor 1	
Isotype: IgG	Calculated MW: 39 kDa	
Immunogen Catalog Number: AG28831	Observed MW: 39 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : fetal human brain tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue
Species Specificity: Human, mouse, rat	

Background Information

GDF1 is a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. 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.

Storage

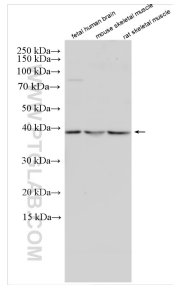
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28345-1-AP (GDF1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.