



Anti-GDF2 (aa 320-419) polyclonal antibody (DPAB-DC1316)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is 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 which 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 plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia.
Immunogen	GDF2 (NP_057288, 320 a.a. ~ 419 a.a) partial recombinant protein with GST tag. The sequence is SAGAGSHCQKTSRLRVNFEDIGWDSWIIAPKEYEAYECKGGCFFPLADDVTPTKHAIVQTL VHLKFPTKVVGKACCVPTKLSPISVLYKDDMGVPTLKYHYE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GDF2 growth differentiation factor 2 [Homo sapiens (human)]
Official Symbol	GDF2
Synonyms	GDF2; growth differentiation factor 2; BMP9; HHT5; BMP-9; growth/differentiation factor 2; GDF-2; bone morphogenetic protein 9;
Entrez Gene ID	2658
Protein Refseq	NP_057288
UniProt ID	B2RC63
Chromosome Location	10q11.22
Pathway	ALK1 signaling events;
Function	cytokine activity; growth factor activity; protein binding;