

GDF11 rabbit pAb

Description

Gene Name	GDF11 BMP11
Protein Name	GDF11
Immunogen	Synthesized peptide derived from human GDF11
Specificity	This antibody detects endogenous levels of GDF11 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Rabbit
Dilution	WB 1: 500-2000
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Molecular Weight(Da)	44770
Concentration	1 mg/ml
Storage	-20°C/1 year
Subcellular Location	extracellular region,extracellular space,nucleoplasm,intracellular membrane-bounded organelle,protein complex,
Background	This gene encodes 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. This protein plays a role in the development of the nervous and other organ systems, and may regulate aging. [provided by RefSeq, Aug 2016],
Function	function:Secreted signal that acts globally to specify positional identity along the anterior/posterior axis during development. Play critical roles in patterning both mesodermal and neural tissues and in establishing the skeletal pattern.,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,