



Anti-GDF2 (aa 87-98) polyclonal antibody (CPBT-65606RH)

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

PRODUCT INFORMATION

Product Overview This product recognises Human BMP9 (Bone Morphogenic Protein), a member of the TGF-beta superfamily. BMPs act through binding with a receptor complex consisting of type I and type II serine/threonine kinases, resulting ultimately in the activation of the Smad protein and mitogen-activated protein kinase (MAPK) signaling pathways. Several antagonist proteins, including, noggin, chordin, gremlin and follistatin, are responsible for modulating the signaling effects of BMPs, through the binding and blocking of receptor ligands, thereby preventing activation. Peptide Sequence CKDDMGVPTLKYH

Specificity	GDF2
Immunogen	Synthetic peptide corresponding to the amino acids 87 - 98 of the native molecule conjugated to keyhole limpet haemocyanin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; IF; IHC-P; WB
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

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	Q9UK05
Chromosome Location	10q11.22
Pathway	ALK1 signaling events;
Function	cytokine activity; growth factor activity; protein binding; transforming growth factor beta receptor binding;
