



Anti-BMP2 (aa 1-14) polyclonal antibody (CPBT-65014RH)

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

PRODUCT INFORMATION

Product Overview	This product recognizes human bone morphogenetic protein 2 (BMP-2), a secreted peptide that induces cartilage and bone formation. Peptide Sequence Q-A-K-H-K-Q-R-K-R-L-K-S-S-C
Specificity	BMP2
Immunogen	Synthetic peptide corresponding to the amino acids 1 - 14 of human BMP-2 conjugated to Keyhole limpet Haemocyanin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Vertebrates
Conjugate	Unconjugated
Applications	ELISA
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	BMP2 bone morphogenetic protein 2 [Homo sapiens (human)]
Official Symbol	BMP2
Synonyms	BMP2; bone morphogenetic protein 2; BDA2; BMP2A; BMP-2A; bone morphogenetic protein 2A;
Entrez Gene ID	650
Protein Refseq	NP_001191
UniProt ID	P12643
Chromosome Location	20p12
Pathway	Adipogenesis; BDNF signaling pathway; BMP signaling; BMP signalling and regulation; Basal cell carcinoma; Cytokine-cytokine receptor interaction; Elastic fibre formation; Extracellular matrix organization;
Function	BMP receptor binding; SMAD binding; cytokine activity; growth factor activity; phosphatase activator activity; protein binding; protein heterodimerization activity; receptor binding; retinol dehydrogenase activity; transforming growth factor beta receptor binding;