



Anti-BMP7 (aa 1-14) polyclonal antibody (CPBT-65603RH)

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 7 (BMP-7), a secreted peptide that induces bone and cartilage formation. Peptide Sequence S-T-G-S-K-Q-R-S-Q-N-R-S-K-T
Specificity	BMP-7
Immunogen	Synthetic peptide corresponding to the amino acids 1 - 14 of the native molecule conjugated to Keyhole limpet Haemocyanin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Chicken, Chimpanzee, Dog, Mouse, Pig, Rat, Rhesus monkey
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	BMP7 bone morphogenetic protein 7 [Homo sapiens (human)]
Official Symbol	BMP7
Synonyms	BMP7; bone morphogenetic protein 7; OP-1; osteogenic protein 1; BMP-7;
Entrez Gene ID	655
Protein Refseq	NP_001710
UniProt ID	P18075
Chromosome Location	20q13
Pathway	ALK2 signaling events; BMP receptor signaling; BMP signaling; Cytokine-cytokine receptor interaction; Elastic fibre formation; Endochondral Ossification; Extracellular matrix organization; Hippo signaling pathway;
Function	BMP receptor binding; cytokine activity; growth factor activity; heparin binding; protein binding; transforming growth factor beta receptor binding;