

BMPER Polyclonal Antibody

Catalog No :	YN2241
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	BMPER
Gene Name :	BMPER KIAA1965
Protein Name :	BMP-binding endothelial regulator protein (Bone morphogenetic protein-binding endothelial cell precursor-derived regulator) (Protein crossveinless-2) (hCV2)
Human Gene Id :	168667
Human Swiss Prot No :	Q8N8U9
Mouse Swiss Prot No :	Q8CJ69
Immunogen :	Synthesized peptide derived from human protein . at AA range: 440-520
Specificity :	BMPER Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	75kD

Background : This gene encodes a secreted protein that interacts with, and inhibits bone morphogenetic protein (BMP) function. It has been shown to inhibit BMP2- and BMP4-dependent osteoblast differentiation and BMP-dependent differentiation of the chondrogenic cells. Mutations in this gene are associated with a lethal skeletal disorder, diaphanospondylodysostosis. [provided by RefSeq, Dec 2011],

Function : function:Inhibitor of bone morphogenetic protein (BMP) function, it may regulate BMP responsiveness of osteoblasts and chondrocytes.,similarity:Contains 1 TIL (trypsin inhibitory-like) domain.,similarity:Contains 1 VWFD domain.,similarity:Contains 5 VWFC domains.,subunit:Interacts with BMP4.,tissue specificity:Highly expressed in lung, and brain and also in primary chondrocytes.,

Subcellular Location : Secreted .

Expression : Highly expressed in lung, and brain and also in primary chondrocytes.

Products Images