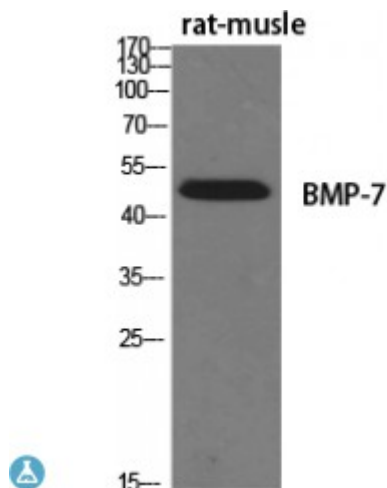


Anti-BMP-7 antibody



Description	Rabbit polyclonal to BMP-7.
Model	STJ91868
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human BMP-7.
Immunogen Region	Internal
Gene ID	655
Gene Symbol	BMP7
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	BMP-7 Polyclonal Antibody detects endogenous levels of BMP-7 protein.
Tissue Specificity	Expressed in the kidney and bladder. Lower levels seen in the brain.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Bone morphogenetic protein 7 BMP-7 Osteogenic protein 1 OP-1 Eptotermin alfa
Molecular Weight	55 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1074OMIM:112267
Alternative Names	Bone morphogenetic protein 7 BMP-7 Osteogenic protein 1 OP-1 Eptoterminalfa
Function	Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis.
Cellular Localization	Secreted.
Post-translational Modifications	Several N-termini starting at positions 293, 300, 315 and 316 have been identified by direct sequencing resulting in secretion of different mature forms.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com