

BMP7 Antibody

Catalog No: #32087

Package Size: #32087-1 50ul #32087-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

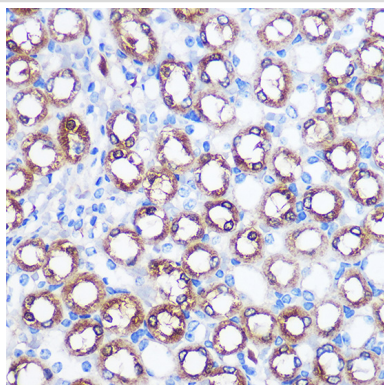
Description

Product Name	BMP7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total BMP7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human BMP7 (NP_001710.1).
Target Name	BMP7
Other Names	BMP7;OP-1
Accession No.	Uniprot:P18075GeneID:655
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GeneID	655
SDS-PAGE MW	49KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

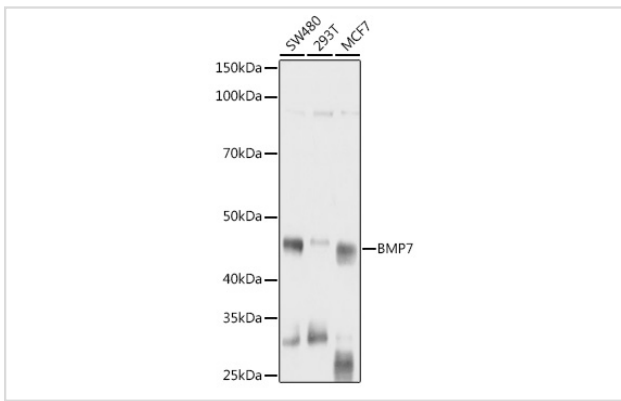
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

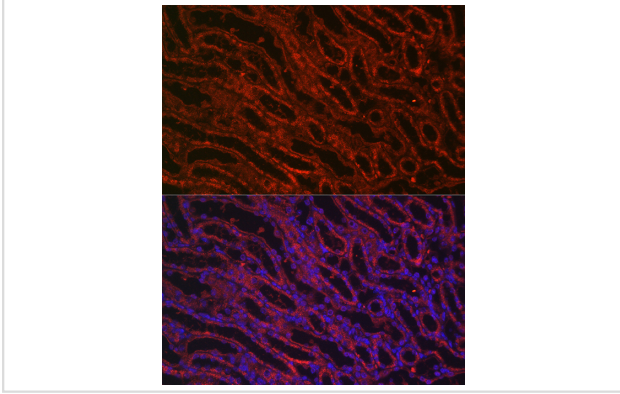
Images



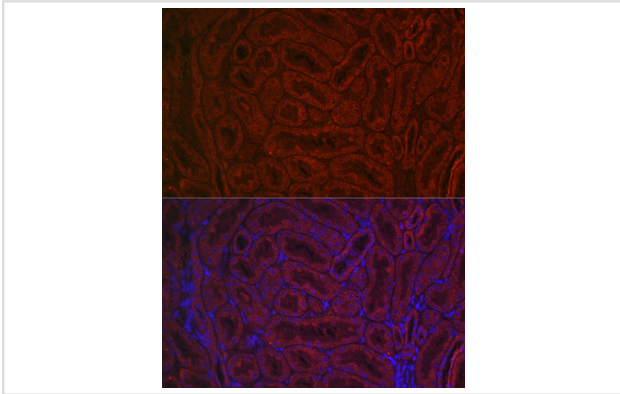
Immunohistochemistry of paraffin-embedded mouse kidney using BMP7 Rabbit pAb.



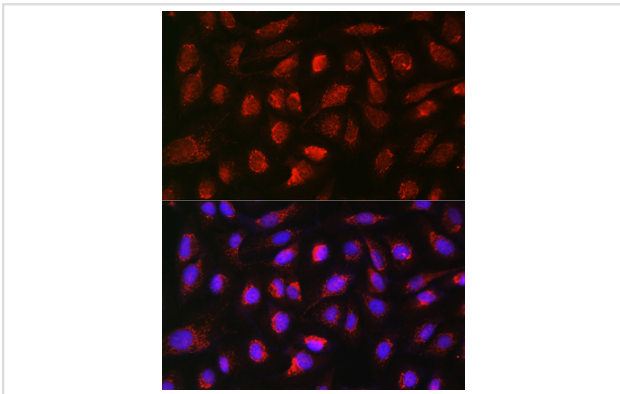
Western blot analysis of extracts of various cell lines, using BMP7 antibody.



Immunofluorescence analysis of Mouse kidney cells using BMP7 antibody.



Immunofluorescence analysis of Rat kidney cells using BMP7 antibody.



Immunofluorescence analysis of U2OS cells using BMP7 antibody.

Background

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer, which plays a role in bone, kidney and brown adipose tissue development. Additionally, this protein induces ectopic bone formation and may promote fracture healing in human patients.

Note: This product is for in vitro research use only