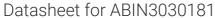
antibodies -online.com







anti-BMP7 antibody (AA 15-44)





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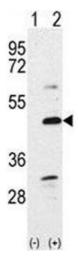
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Overview	
Quantity:	0.4 mL
Target:	BMP7
Binding Specificity:	AA 15-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)
Product Details	
Immunogen:	A portion of amino acids 15-44 from the human protein was used as the immunogen for this BMP7 antibody.
Isotype:	lg Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Purified
Target Details	
Target:	BMP7
Alternative Name:	BMP7 (BMP7 Products)
Background:	BMP7 induces cartilage and bone formation. May be the osteoinductive factor responsible for

Target Details

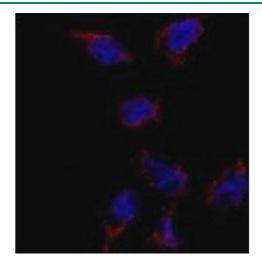
- Target Details	
	the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis. [UniProt]
UniProt:	P18075
Pathways:	Steroid Hormone Mediated Signaling Pathway, Stem Cell Maintenance
Application Details	
Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the BMP7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Immunofluorescence: 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at 4°C for up to one month. For long term, aliquot the BMP7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



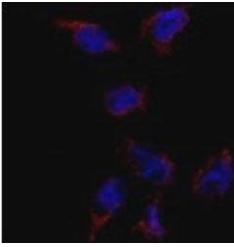
Western Blotting

Image 1. Western blot analysis of BMP7 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the BMP7 gene (2). Predicted molecular weight: 47 kDa protein cleaved into ~33 and ~15 kDa segments.



Immunofluorescence

Image 2. Immunofluorescence analysis of BMP7 antibody and HeLa cells. Primary Ab was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.



Immunofluorescence

Image 3. Immunofluorescence analysis of BMP7 antibody and HeLa cells. Primary Ab was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.

Please check the product details page for more images. Overall 5 images are available for ABIN3030181.