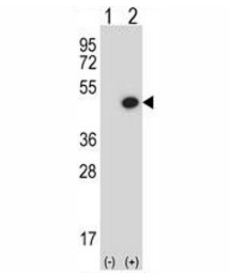
BMP7 Antibody (F43311)

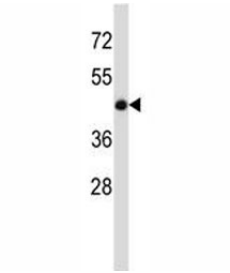
Catalog No.	Formulation	Size
F43311-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43311-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

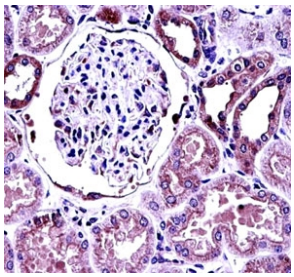
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P18075
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This BMP7 antibody is available for research use only.



Western blot analysis of BMP7 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the BMP7 gene. Predicted molecular weight: 49 kDa protein cleaved into ~33 and ~15 kDa segments.



BMP7 antibody western blot analysis in mouse heart tissue lysate. Predicted molecular weight: 49 kDa protein cleaved into ~33 and ~15 kDa segments.



BMP7 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue.

Description

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq].

Application Notes

Titration of the BMP7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 280-309 from the human protein was used as the immunogen for this BMP7 antibody.

Storage

Aliquot the BMP7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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