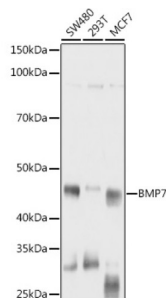
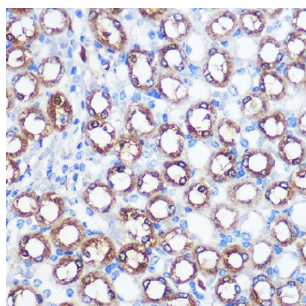


## Bone Morphogenetic Protein 7 (BMP7) Antibody

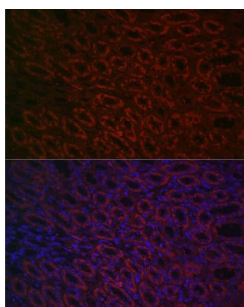
Catalogue No.: abx000832



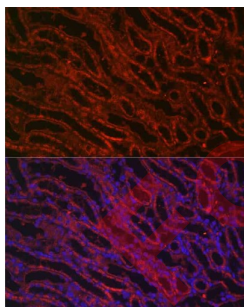
Western blot analysis of extracts of various cell lines using BMP7 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded mouse kidney using BMP7 Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat kidney cells using BMP7 Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse kidney cells using BMP7 Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

BMP7 Antibody is a Rabbit Polyclonal antibody against BMP7. 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.

**Target:** Bone Morphogenetic Protein 7 (BMP7)

# Datasheet

Version: 3.0.0  
Revision date: 19 Aug 2025



Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human BMP7
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P18075 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	BMP7
GeneID:	<a href="#">655</a>
NCBI Accession:	NP_001710.1
KEGG:	hsa:655
String:	<a href="#">9606.ENSP00000379204</a>
Molecular Weight:	Calculated MW: 49 kDa Observed MW: 49 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.