

Product datasheet

Anti-BMP7 antibody ab93636

★★★★★ [1 Abreviews](#) [2 References](#) [2 Images](#)

Overview

Product name	Anti-BMP7 antibody
Description	Rabbit polyclonal to BMP7
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide corresponding to Human BMP7 (C terminal). Database link: NM_001719
Positive control	Rat kidney tissue; Human kidney cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 1% BSA
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

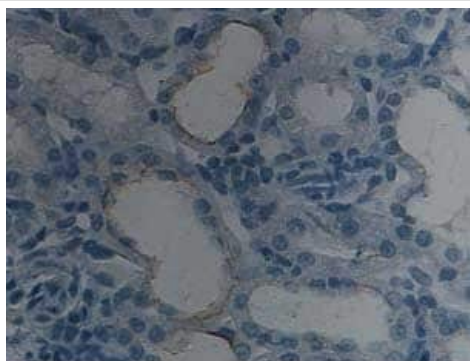
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab93636 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/200 - 1/1000. Predicted molecular weight: 49 kDa.
IHC-P		1/50 - 1/200.

Target

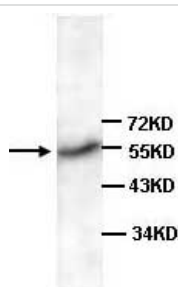
Function	Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis.
Tissue specificity	Expressed in the kidney and bladder. Lower levels seen in the brain.
Sequence similarities	Belongs to the TGF-beta family.
Developmental stage	Expressed in the developing eye, brain and ear during embryogenesis.
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 (PubMed:17977014).
Cellular localization	Secreted.

Images



ab93636, at 1/100 dilution, staining secreted BMP7 in formalin-fixed, paraffin-embedded rat kidney tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BMP7 antibody (ab93636)



Anti-BMP7 antibody (ab93636) at 1/200 dilution + Human kidney cell lysate

Predicted band size: 49 kDa

Western blot - Anti-BMP7 antibody (ab93636)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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