abcam

Product datasheet

Anti-BMP2 antibody ab14933

★★★★☆ **14 Abreviews**   **161 References**   1 Image

Overview

Product name	Anti-BMP2 antibody
Description	Rabbit polyclonal to BMP2
Host species	Rabbit
Specificity	ab14933 detects only the pro-form of the BMP2
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Mouse BMP2 aa 45-60 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). Sequence: SEDVLSEFELRLLSMF Database link: **P21274** (Peptide available as **ab80798**)

🖻 **Run BLAST with**   🖻 **Run BLAST with**

Positive control	WB: HeLa, THP, HepG2 and Huh7 cells
General notes	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.
	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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol, 0.75% BSA

The antibody is provided in antibody stabilization buffer containing phosphate buffer, pH 7.4, glycerol, stabilizing proteins and preservatives. The exact buffer contents are considered proprietary.

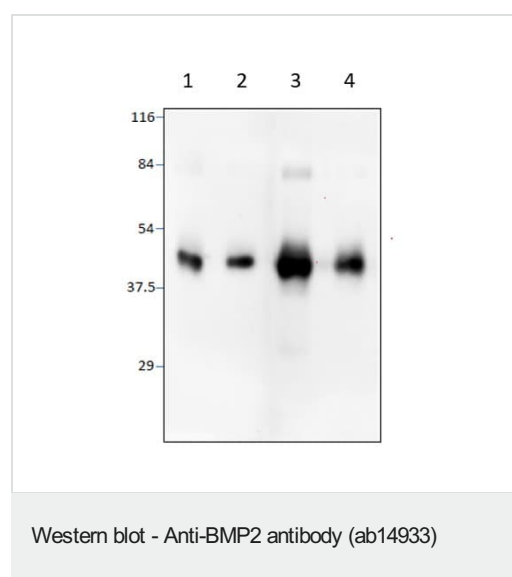|	
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab14933 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	★★★★☆ **(6)**	1/500 - 1/1000. Detects a band of approximately 45 kDa.

Target

Function	Induces cartilage and bone formation.
Tissue specificity	Particularly abundant in lung, spleen and colon and in low but significant levels in heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, ovary and small intestine.
Sequence similarities	Belongs to the TGF-beta family.
Cellular localization	Secreted.

Images

Western blot - Anti-BMP2 antibody (ab14933)

All lanes : Anti-BMP2 antibody (ab14933) at 1/500 dilution

Lane 1 : HeLa cells
Lane 2 : THP cells
Lane 3 : HepG2 cells
Lane 4 : Huh7 cells

Cell extracts were made in protein extraction buffer (Solobuffer) with protease inhibitor cocktail.

Total 40-50ug of protein was applied in each lane on a 10% SDSPAGE,
The gel was transferred on to Immobilon F and blotted with ab14933.

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

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