Product Datasheet

BMPR-II Antibody
NBP1-32218

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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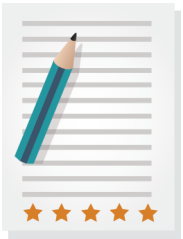
Updated 9/25/2025 v.20.1



NBP1-32218

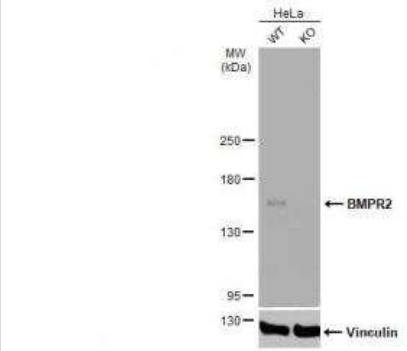
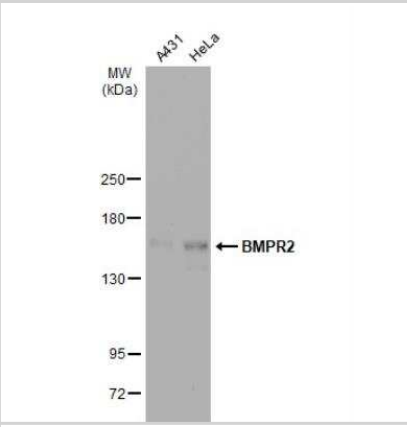
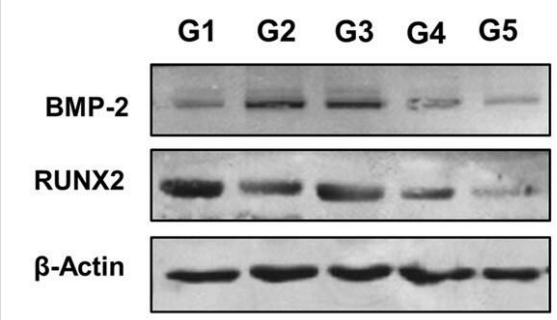
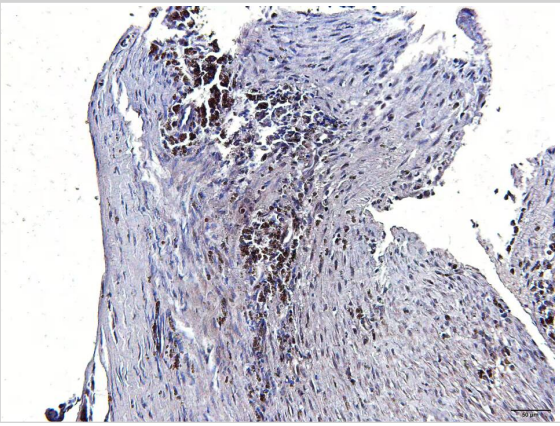
BMPR-II Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	115 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit BMPR-II Antibody (NBP1-32218) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	659
Gene Symbol	BMPR2
Species	Human, Goat
Reactivity Notes	Chicken (86%). Goat reactivity reported from a verified customer review.
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human BMPR-II. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Validated for IHC from a verified customer review., Immunohistochemistry-Paraffin Validated for IHC-P from a verified customer review., Knockout Validated

Images

Western Blot: BMPR-II Antibody [NBP1-32218] - Wild-type (WT) and BMPR2 knockout (KO) HeLa cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with BMPR2 antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	
Western Blot: BMPR-II Antibody [NBP1-32218] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with BMPR2 antibody [C1C3] diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.	
Western Blot: Rabbit Polyclonal BMPR-II Antibody [NBP1-32218] - Bone lysate homogenate from goats. SDS-PAGE with 0.3 mg of total protein from the homogenate per well. BMP-2, NBP1-32218, was used at a dilution of 1:1000 and RUNX/CBFA1, NBP2-24755 was used at a dilution of 1:1000 in TBS Tween and 5% powdered milk. The protein was labeled at 150 kDa. Quantification of BMP-2 in bone graft in the tibia of intrailiac cellularized goats at different times compared with tibial autograft and untreated bone defect. Evaluation of pre-cellularized graft in the iliac crest in the treatment of bone defects in the tibia of goats. G1: cellularized graft for 4 weeks applied to the tibial bone defect, G2: cellularized graft for 6 weeks applied to the tibial bone defect, G3: cellularized graft for 8 weeks applied to the tibial bone defect, G4: tibial autograft and G5: untreated bone defect. All groups were evaluated 120 days after graft implantation. Image from a verified customer review.	
The sections of histological sections of goat bone fragments were deparaffinized, peroxidase blocked in methanol and 30% hydrogen peroxide (9:1), and antigen retrieval was performed with porcine gastric pepsin and HCl at pH 3.0 in an oven at 37°C for 30 minutes. Then, blocking with BSA was performed for 1 hour followed by incubation with the primary antibody BMPR-2 antibody NBP1-32218 (1:100) overnight. Subsequently, excess primary antibody was removed with PBS pH 7.6 and incubated with the secondary antibody (goat anti-rabbit IgG - NB7160 (1:200) for 1 hour and polymer was applied for 30 minutes. Finally, 150 µL of DAB was applied for five minutes and counterstained with hematoxylin. Image from a verified customer review.	

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Products Related to NBP1-32218

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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