

Product Datasheet

Calcium-sensing R/CaSR Antibody (PSH03-47) NBP3-32111

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32111**Calcium-sensing R/CaSR Antibody (PSH03-47)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-47
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	121 kDa
Product Description	
Host	Rabbit
Gene ID	846
Gene Symbol	CASR
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Calcium-sensing R/CaSR aa 1-612 / 1,078. (Uniprot: P41180)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000



Images

Western Blot: Calcium-sensing R/CaSR Antibody (PSH03-47) [NBP3-32111] - Western blot analysis of Calcium-sensing R/CaSR on different lysates with Rabbit anti-Calcium-sensing R/CaSR antibody (NBP3-32111) at 1/2,000 dilution.

Lane 1: Human kidney tissue lysate
Lane 2: Mouse kidney tissue lysate (no heat)
Lane 3: Rat kidney tissue lysate (no heat)

Lysates/proteins at 40 ug/Lane.

Predicted band size: 121 kDa
Observed band size: 160 kDa

Exposure time: 1 minute 50 seconds;

4-20% SDS-PAGE gel.

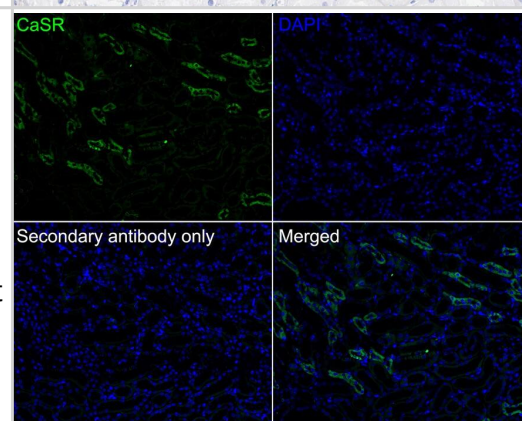
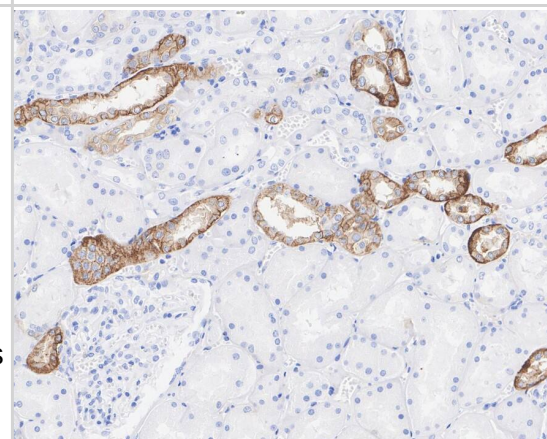
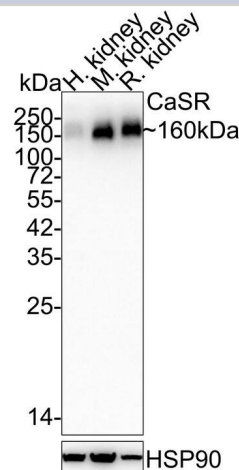
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32111) at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Calcium-sensing R/CaSR Antibody (PSH03-47) [NBP3-32111] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-Calcium-sensing R/CaSR antibody (NBP3-32111) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32111) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunohistochemistry: Calcium-sensing R/CaSR Antibody (PSH03-47) [NBP3-32111] - Immunofluorescence analysis of paraffin-embedded mouse kidney tissue labeling Calcium-sensing R/CaSR with Rabbit anti-Calcium-sensing R/CaSR antibody (NBP3-32111) at 1/50 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32111, green) at 1/50 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).





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Products Related to NBP3-32111

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38622PEP	Calcium-sensing R/CaSR Recombinant Protein Antigen

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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