

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 | |
|----------------------------|--|
| Description | Novus Biologicals Rabbit Calcium-sensing R/CaSR Antibody (PSH03-47) (NBP3-32111) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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)

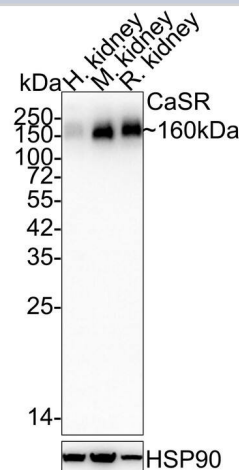
Lysates/proteins at 40 ug/Lane.

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

Exposure time: 1 minute 50 seconds;

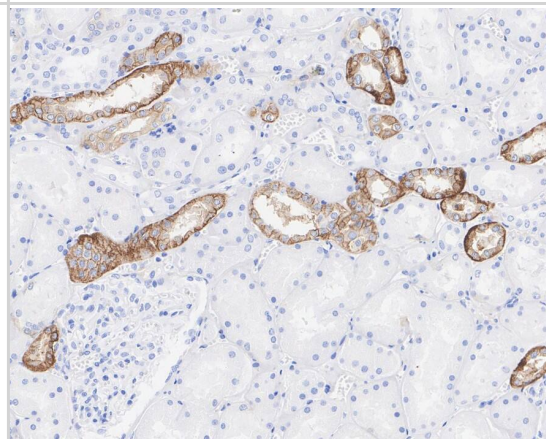
4-20% SDS-PAGE gel.

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 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



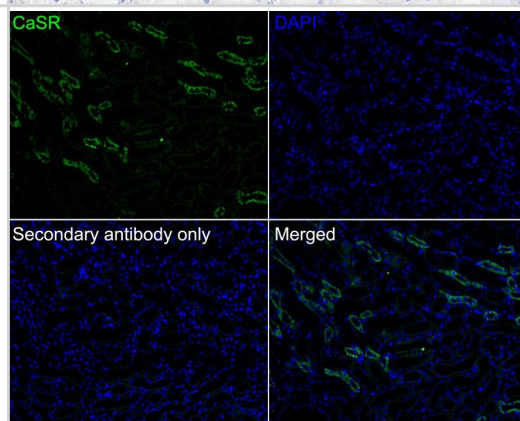
Immunohistochemistry: Calcium-sensing R/CaSR Antibody (PSH03-47) [NBP3-32111] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-Calcium-sensing R/CaSR antibody (NBP3-32111) at 1/2,000 dilution.

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

| | |
|-------------|---|
| 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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