

Product Datasheet

Calcium-sensing R/CaSR Antibody - BSA Free NBP1-84687

Unit Size: 0.1 ml

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

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NBP1-84687

Calcium-sensing R/CaSR Antibody - BSA Free

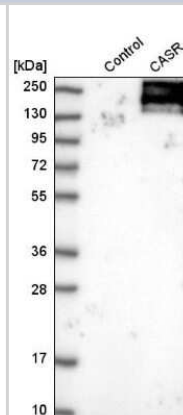
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	846
Gene Symbol	CASR
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GTVTFSLSFDEPQKNAMAHNRNSTHQNSLEAQKSSDTLTRHQPLLPLQCGETDL DLTVQETGLQGPGVGGDQRPEVEDPEELSPALVVSSSQSFVISGG

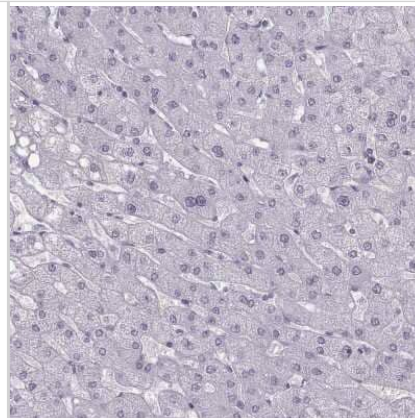
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

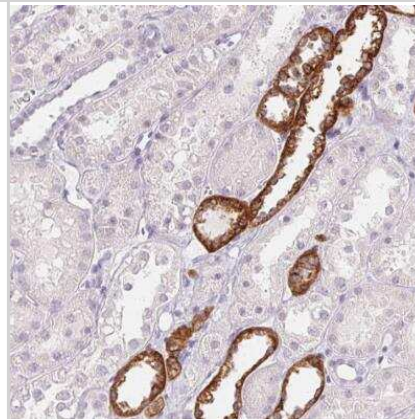
Western Blot: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Analysis in control (vector only transfected HEK293T lysate) and CASR over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



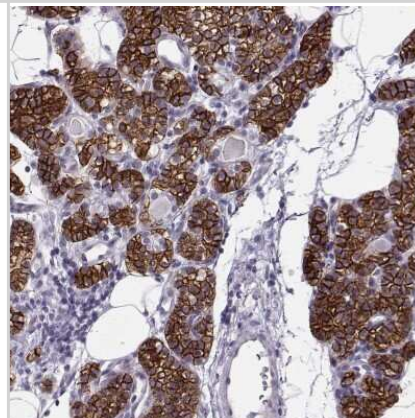
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human liver shows no positivity in hepatocytes as expected.



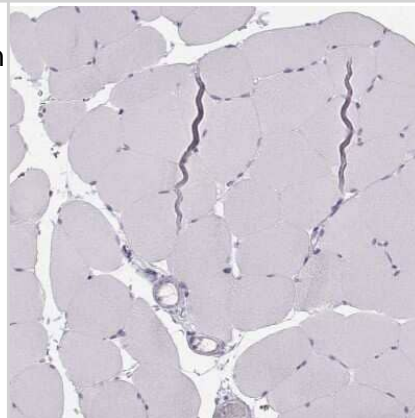
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human kidney shows strong cytoplasmic positivity in subset of cells in tubules.



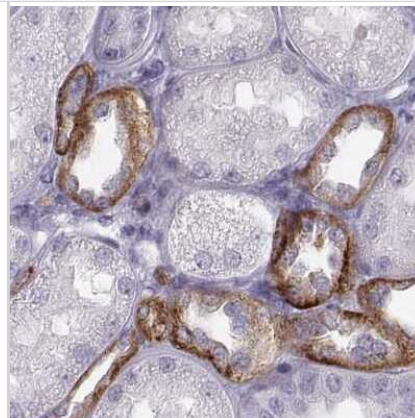
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human parathyroid gland shows high expression.



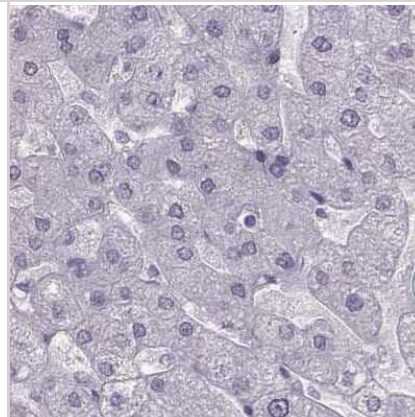
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human skeletal muscle shows low expression as expected.



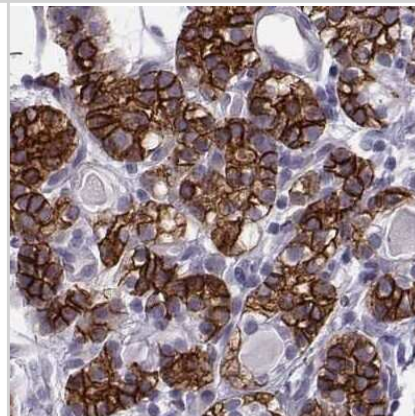
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human kidney.



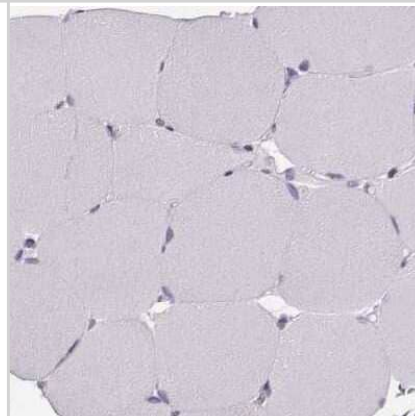
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human liver.



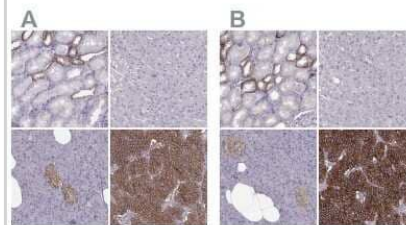
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human parathyroid gland using Anti-CaSR antibody NBP1-84687.



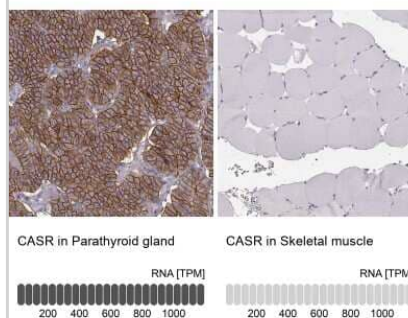
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human skeletal muscle using Anti-CaSR antibody NBP1-84687.



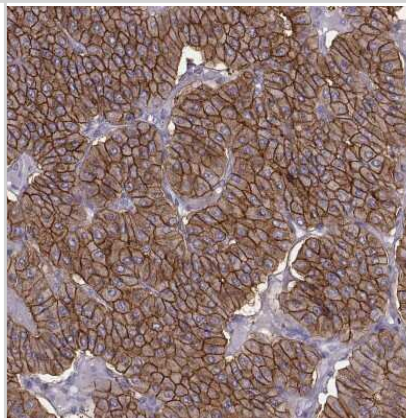
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human kidney, liver, pancreas and parathyroid gland using Anti-CASR antibody NBP1-84687 (A) shows similar protein distribution across tissues to independent antibody NBP2-38622 (B).



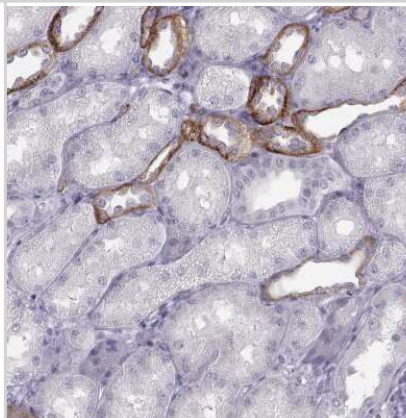
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Analysis in human parathyroid gland and skeletal muscle tissues using NBP1-84687 antibody. Corresponding CASR RNA-seq data are presented for the same tissues.



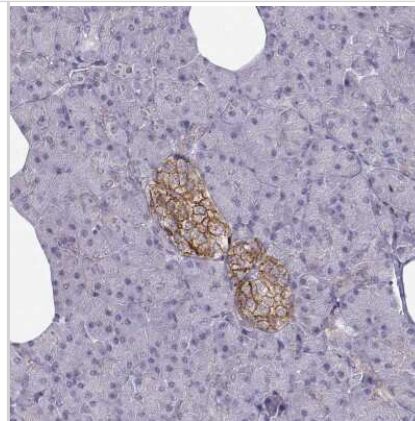
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human parathyroid gland shows strong membranous positivity in glandular cells.



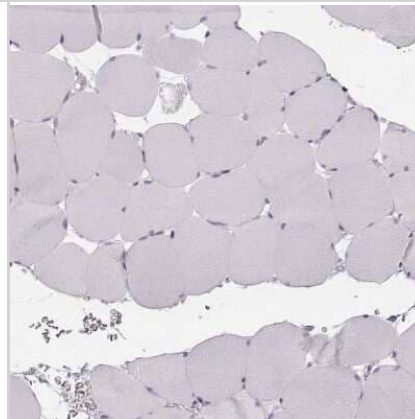
Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human kidney shows moderate membranous positivity in cells in distal tubules.



Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human pancreas shows moderate membranous positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: Calcium-sensing R/CaSR Antibody [NBP1-84687] - Staining of human skeletal muscle shows no positivity in myocytes as expected.





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Products Related to NBP1-84687

NBP1-84687PEP	Calcium-sensing R/CaSR Recombinant Protein Antigen
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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