

Product Datasheet

AMPK beta 2/PRKAB2 Antibody - BSA Free NBP1-92286

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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NBP1-92286


AMPK beta 2/PRKAB2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit AMPK beta 2/PRKAB2 Antibody - BSA Free (NBP1-92286) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5565
Gene Symbol	PRKAB2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVGSDDPSVFSLPDSK LPGDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSF

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

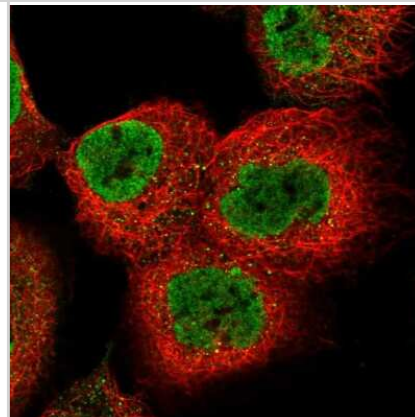
Images

Immunohistochemistry-Paraffin: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Analysis in human duodenum and tonsil tissues using NBP1-92286 antibody. Corresponding PRKAB2 RNA-seq data are presented for the same tissues 

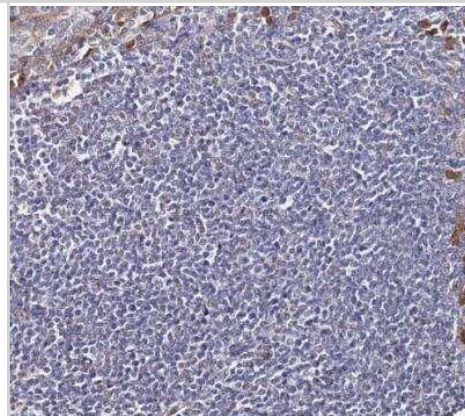
Western Blot: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Analysis in human cell line BEWO.



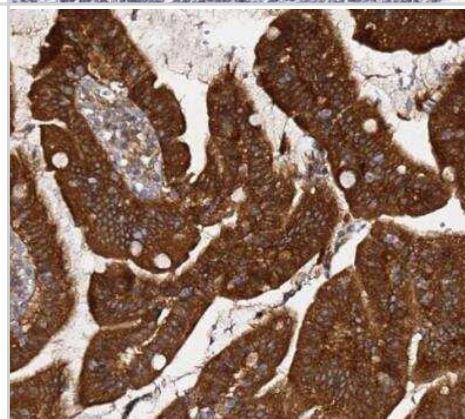
Immunocytochemistry/Immunofluorescence: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



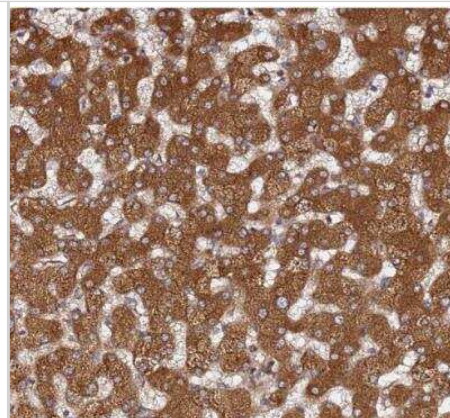
Immunohistochemistry-Paraffin: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



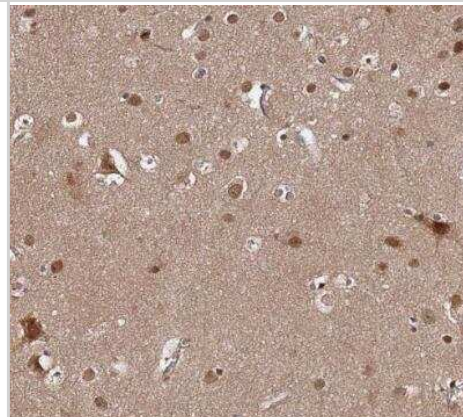
Immunohistochemistry-Paraffin: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



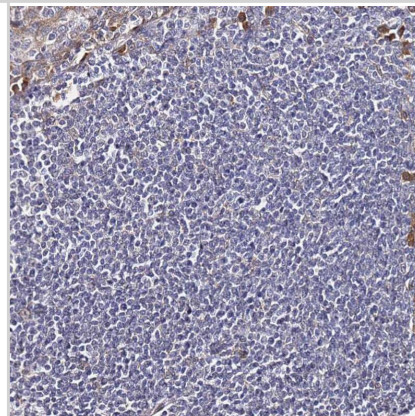
Immunohistochemistry-Paraffin: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



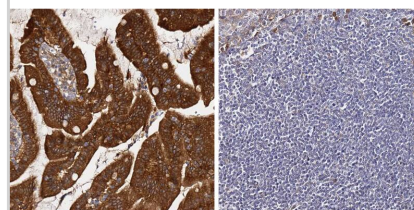
Immunohistochemistry-Paraffin: AMPK beta 2/PRKAB2 Antibody [NBP1-92286] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Staining of human tonsil shows no positivity in non-germinal center cells as expected.

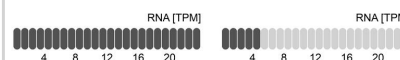


Analysis in human duodenum and tonsil tissues using NBP1-92286 antibody. Corresponding PRKAB2 RNA-seq data are presented for the same tissues.

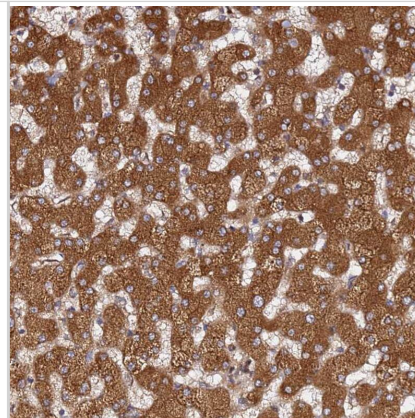


PRKAB2 in Duodenum

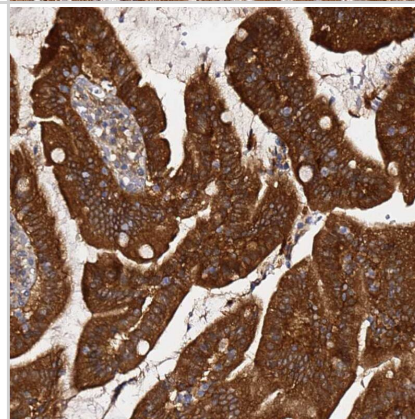
PRKAB2 in Tonsil



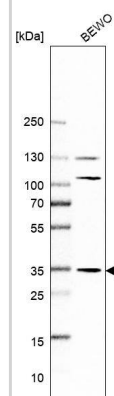
Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



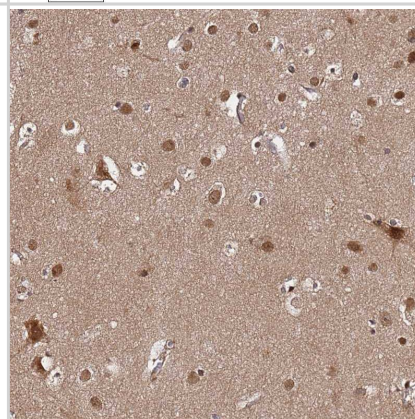
Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



Analysis in human cell line BEWO.



Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.





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Products Related to NBP1-92286

NBP1-92286PEP	AMPK beta 2/PRKAB2 Recombinant Protein Antigen
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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