

Product Datasheet

GPER/GPR30 Antibody - BSA Free NBP1-31258

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-31258

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-31258



NBP1-31258

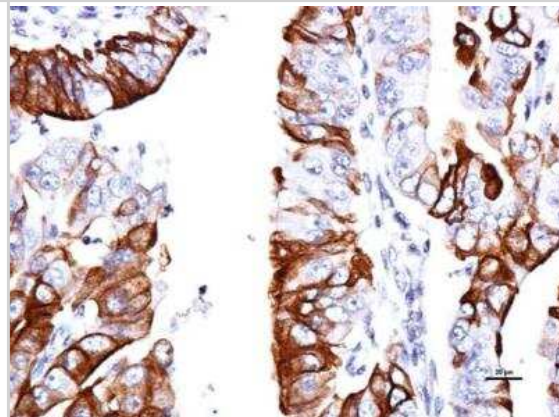
GPER/GPR30 Antibody - BSA Free

Product Information	
Unit Size	100 ul
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, 20% Glycerol
Target Molecular Weight	42 kDa
Product Description	
Description	Novus Biologicals Rabbit GPER/GPR30 Antibody - BSA Free (NBP1-31258) 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	2852
Gene Symbol	GPER1
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human GPER/GPR30. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent, Knockdown Validated
Application Notes	WB-As is commonly seen with membrane proteins, significant hydrophobicity can lead to aggregation following boiling of samples prior to SDS-PAGE and subsequent western blotting. We recommend to avoid boiling in this case.

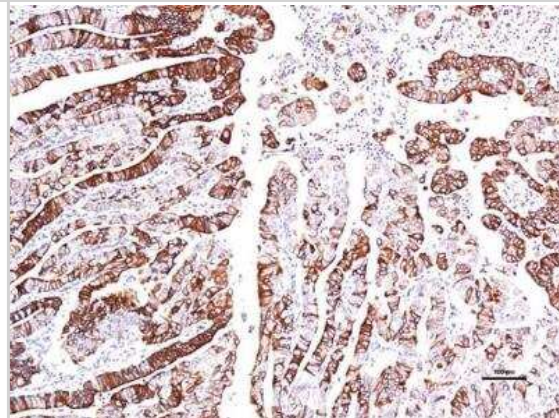


Images

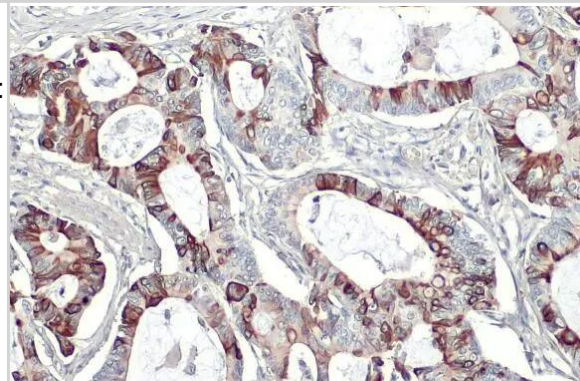
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - Paraffin-embedded endometrial, using antibody at 1:150 dilution.



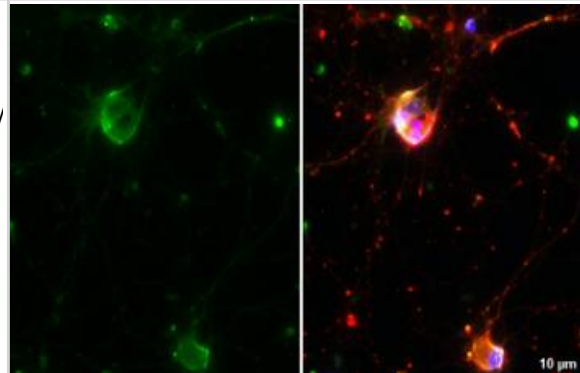
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - Paraffin-embedded endometrial, using antibody at 1:150 dilution.



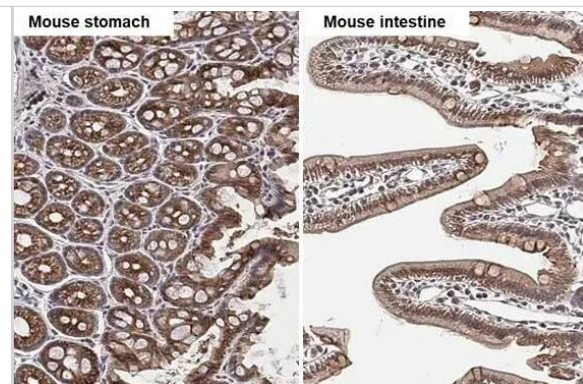
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - GPER/GPR30 antibody [C2C3], C-term detects GPER/GPR30 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human colon cancer. GPER/GPR30 stained by GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



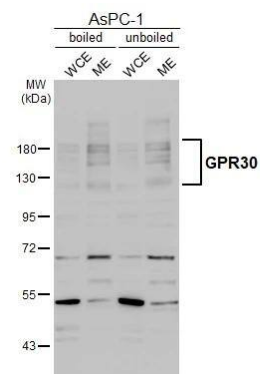
Immunocytochemistry/Immunofluorescence: GPER/GPR30 Antibody [NBP1-31258] - DIV11 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GPR30 stained by GPR30 antibody [C2C3], C-term diluted at 1:100. Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [11710] diluted at 1:500. Blue: Fluoroshield with DAPI.



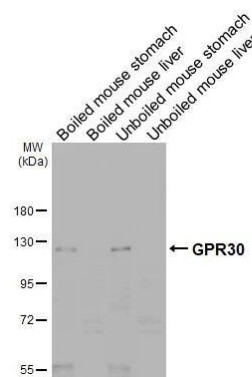
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - Mouse tissues. GPR30 stained by GPR30 antibody [C2C3], C-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



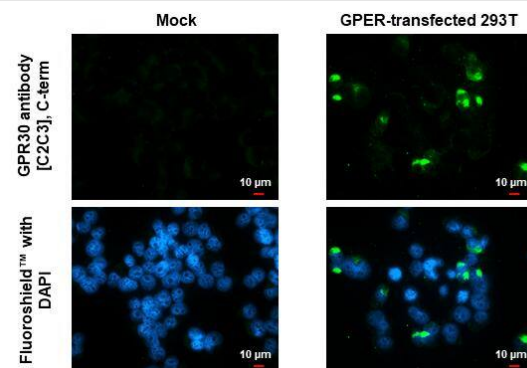
Boiled and unboiled AsPC-1 whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody



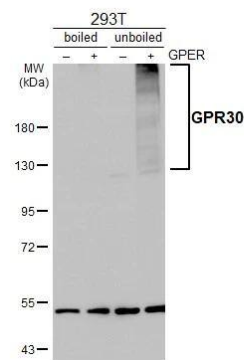
Boiled and unboiled various tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



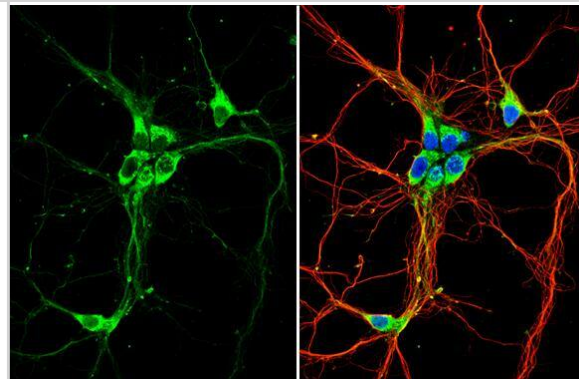
GPER/GPR30 antibody [C2C3], C-term detects GPER/GPR30 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min. Green: GPER/GPR30 stained by GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:500. Blue: Fluoroshield with DAPI .



Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GPER/GPR30 antibody detects GPER/GPR30 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GPER/GPR30 stained by GPER/GPR30 antibody (NBP1-31258) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI .





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-31258

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-31258

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

