

Product Datasheet

GPER/GPR30 Antibody - BSA Free NBP1-31258

Unit Size: 100 ul

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

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NBP1-31258

GPER/GPR30 Antibody - BSA Free

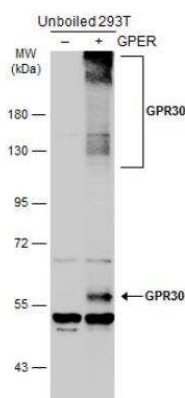
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	42 kDa

Product Description	
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.

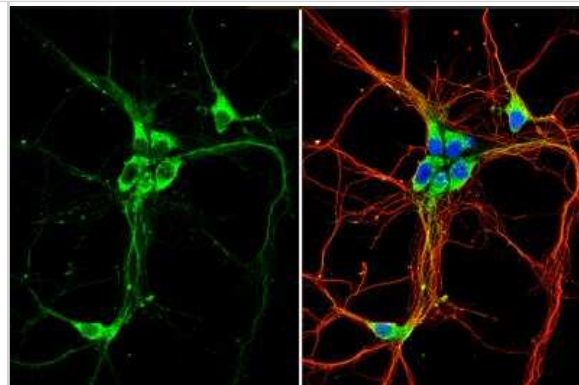
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ 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

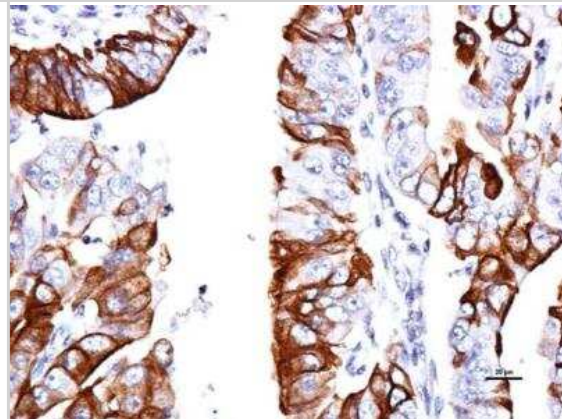
Western Blot: GPER/GPR30 Antibody [NBP1-31258] - Non-transfected (-) and transfected (+) unboiled 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GPR30 antibody [C2C3], C-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



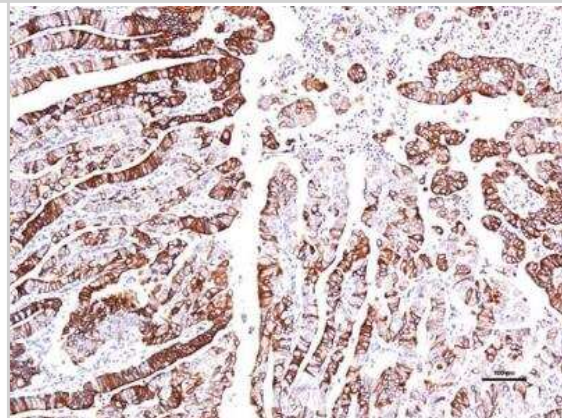
Immunocytochemistry/Immunofluorescence: GPER/GPR30 Antibody [NBP1-31258] - DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GPR30 stained by GPR30 antibody diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [11710] diluted at 1:500. Blue: Fluoroshield with DAPI.



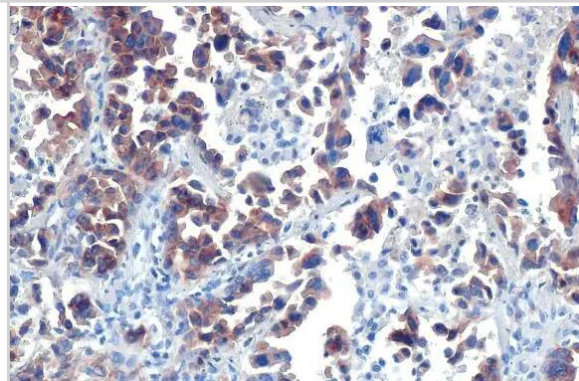
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - Paraffin-embedded endometrial, using antibody at 1:150 dilution.



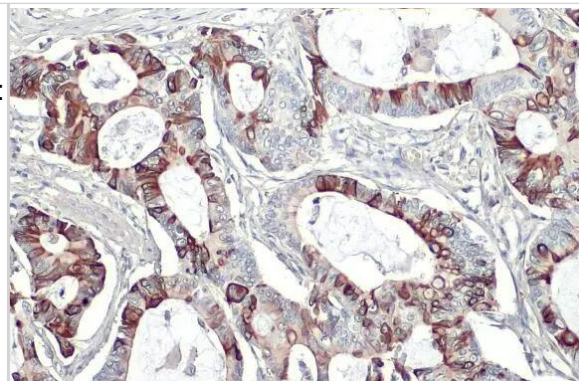
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - Paraffin-embedded endometrial, using antibody at 1:150 dilution.



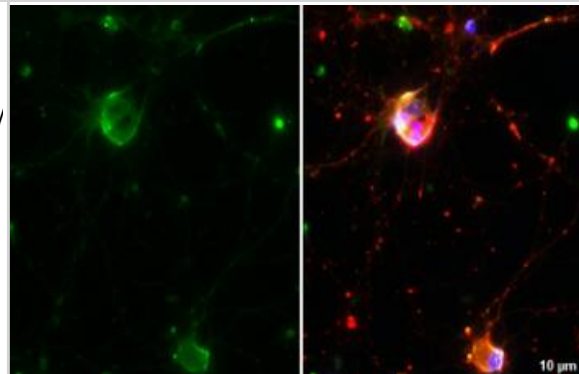
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - GPER/GPR30 antibody [C2C3], C-term detects GPER/GPR30 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. GPER/GPR30 stained by GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) diluted at 1:500.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



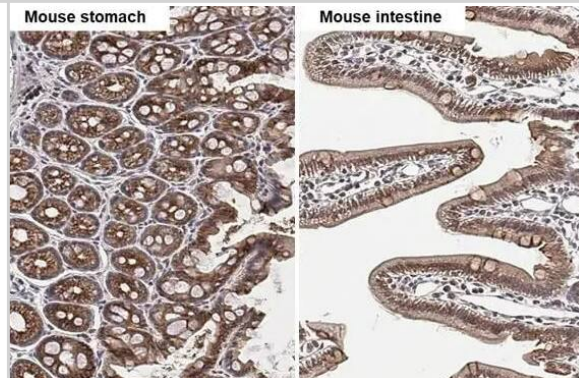
Immunohistochemistry-Paraffin: GPER/GPR30 Antibody [NBP1-31258] - GPER/GPR30 antibody [C2C3], C-term detects GPER/GPR30 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human colon cancer. GPER/GPR30 stained by GPER/GPR30 antibody [C2C3], C-term (NBP1-31258) 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





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Products Related to NBP1-31258

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21238PEP	GPER/GPR30 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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