

Product Datasheet

Glutamyl-peptide Cyclotransferase/QPCT Antibody - BSA Free NBP1-81838

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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Publications: 1

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NBP1-81838

Glutaminy-peptide Cyclotransferase/QPCT Antibody - BSA Free

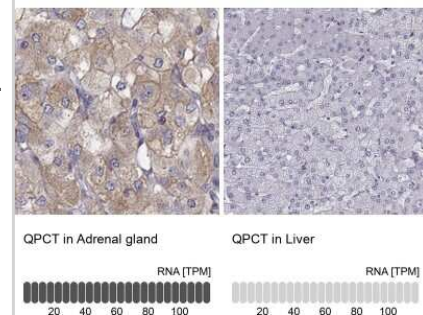
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	25797
Gene Symbol	QPCT
Species	Human, Mouse
Reactivity Notes	Rat (84%). Mouse reactivity reported in scientific literature (PMID: 26447138).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VPCAMMLELARALDKKLLSLKTVSDSKPDLQLIFFDGEEAFLHWSPQDSLYG SRHLAAKMASTPHPPGARGTSQLHGMDLLVLLDLIGAPNPTFPNFFPNSARWF ERLQAIEHELHELGLLKDHSLEGRYFQNYSGGVIQDDH

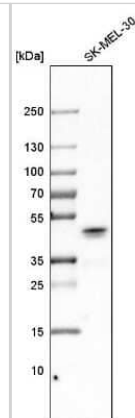
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

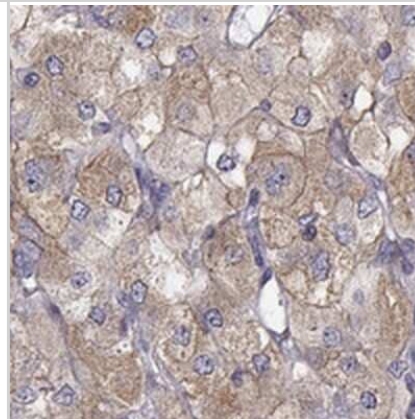
Immunohistochemistry-Paraffin: Glutaminy-peptide Cyclotransferase/QPCT Antibody [NBP1-81838] - Staining in human adrenal gland and liver tissues using anti-QPCT antibody. Corresponding QPCT RNA-seq data are presented for the same tissues.



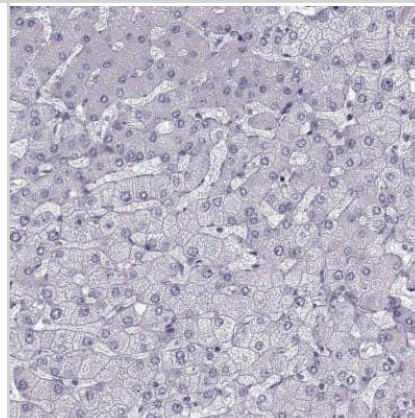
Western Blot: Glutaminyl-peptide Cyclotransferase/QPCT Antibody [NBP1-81838] - Analysis in human cell line SK-MEL-30.



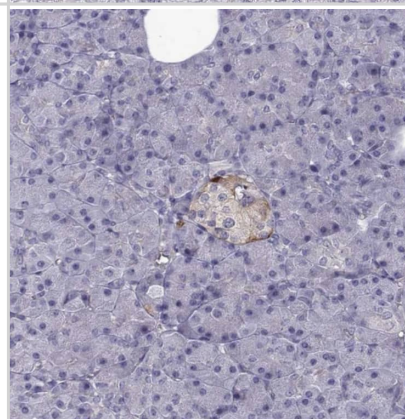
Immunohistochemistry: Glutaminyl-peptide Cyclotransferase/QPCT Antibody [NBP1-81838] - Staining of human adrenal gland shows high expression.



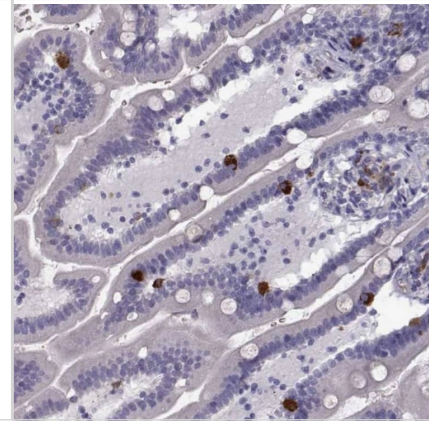
Immunohistochemistry-Paraffin: Glutaminyl-peptide Cyclotransferase/QPCT Antibody [NBP1-81838] - Staining of human liver shows low expression as expected.



Staining of human pancreas shows weak cytoplasmic positivity in islets of Langerhans.



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



Publications

Guo J, He H, Liu Q et al. Identification and Epigenetic Analysis of a Maternally Imprinted Gene Qpct. *Mol Cells* 2015-10-31 [PMID: 26447138] (IF/IHC, Mouse)



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Products Related to NBP1-81838

NBP1-81838PEP	Glutaminy-peptide Cyclotransferase/QPCT 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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