

Rabbit anti-Human Glutaminyl-peptide cyclotransferase Polyclonal Antibody | anti-QPCT antibody

Rabbit anti-human Glutaminyl-peptide cyclotransferase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA117999	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

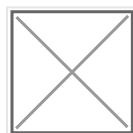
PRODUCT SYNONYMS

Glutaminyl-peptide cyclotransferase; Polyclonal Antibody; Rabbit anti-human Glutaminyl-peptide cyclotransferase polyclonal Antibody; Glutaminyl cyclase Glutaminyl-tRNA cyclotransferase Glutamyl cyclase QPCT; anti-QPCT antibody

PRODUCT SPECIFICATIONS

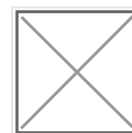
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	361
Applicable Applications for anti-QPCT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutaminyl-peptide cyclotransferase protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-162054
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA117999 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Actin, cytoplasmic 1 antibody at 2ug/mlLane 1:rat sex gland tissueLane 2:rat suprarenal glandSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 41,36 kDaObserved band size: 41 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-QPCT antibody

Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminy residue and a lack of importance of chain length after the second residue. Also catalyzes N-terminal pyroglutamate formation. In vitro, catalyzes pyroglutamate formation of N-terminally truncated form of APP amyloid-beta peptides [Glu-3]-beta-amyloid. May be involved in the N-terminal pyroglutamate formation of several amyloid-related plaque-forming peptides.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912618
NCBI GeneID	25797
NCBI Accession #	NP_036545.1
NCBI GenBank Nucleotide #	NM_012413.3
UniProt Accession #	Q16769; Q16770; Q3KRG6; Q53TR4
Molecular Weight	35,421 Da
NCBI Official Full Name	glutaminyl-peptide cyclotransferase
NCBI Official Synonym Full Names	glutaminyl-peptide cyclotransferase
NCBI Official Symbol	QPCT
NCBI Official Synonym Symbols	QC; GCT; sQC
NCBI Protein Information	glutaminyl-peptide cyclotransferase
UniProt Protein Name	Glutaminyl-peptide cyclotransferase
UniProt Gene Name	QPCT
UniProt Synonym Gene Names	QC; sQC; EC
UniProt Entry Name	QPCT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutaminyl-peptide-cyclotransferase-antibody-immunohistochemistry-western-blot-elisa/117999>