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Datasheet for ABIN7154028

anti-QPCT antibody (AA 29-361) (Biotin)

Overview

Quantity:	100 µg
Target:	QPCT
Binding Specificity:	AA 29-361
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QPCT antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glutaminyl-peptide cyclotransferase protein (29-361AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	QPCT
Alternative Name:	QPCT (QPCT Products)
Background:	Background: Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminyl residue and a lack of

Target Details

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.

Aliases: 5730422A13Rik antibody, EC antibody, GCT antibody, Glutaminyl cyclase antibody, Glutaminyl peptide cyclotransferase antibody, Glutaminyl tRNA cyclotransferase antibody, Glutaminyl-peptide cyclotransferase antibody, Glutaminyl-tRNA cyclotransferase antibody, Glutamyl cyclase antibody, QC antibody, qpct antibody, QPCT_HUMAN antibody, sQC antibody

UniProt: [Q16769](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.