

Product Datasheet

Glutaminyl-peptide Cyclotransferase/QPCT Antibody H00025797-A01

Unit Size: 0.05 ml

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

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H00025797-A01**Glutaminy-peptide Cyclotransferase/QPCT Antibody**

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	50% Glycerol

Product Description	
Host	Mouse
Gene ID	25797
Gene Symbol	QPCT
Species	Human
Specificity/Sensitivity	glutaminy-peptide cyclotransferase (glutaminy cyclase)
Immunogen	QPCT (NP_036545, 262 a.a. ~ 360 a.a) partial recombinant protein with GST tag.PNSARWFERLQAIEHELHELGLLKDHSLEGRYFQNYSGGVIQDDHIPFLR RGVPVLHLIPSPFPEVWHTMDDNEENLDESTIDNLNKILQVFVLEYL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	The quality control of this antibody is limited to Western blot on the immunizing protein. It has also been used for ELISA. Abnova's recommended working dilutions for western analysis are as follows: 1:500 dilution for ascites 1:1000 for purified Ig 1:500

Publications

Morawski M, Hartlage-Rubsamen M, Jager C et al. Distinct glutaminy cyclase expression in Edinger-Westphal nucleus, locus coeruleus and nucleus basalis Meynert contributes to pGlu-Abeta pathology in Alzheimer's disease. Acta Neuropathol. 2010-04-10 [PMID: 20383514]

Hartlage-Rubsamen M, Morawski M, Waniek A et al. Glutaminy cyclase contributes to the formation of focal and diffuse pyroglutamate (pGlu)-A β deposits in hippocampus via distinct cellular mechanisms. Acta Neuropathol. 2011-02-08 [PMID: 21301857]

Chen YL, Huang KF, Kuo WC et al. Inhibition of Glutaminy Cyclase Attenuates Cell Migration Modulated by Monocyte Chemoattractant Proteins. Biochem J. 2011-11-08 [PMID: 22060158]

Morawski M, Schilling S, Kreuzberger M et al. Glutaminy Cyclase in Human Cortex: Correlation with (pGlu)-Amyloid- β Load and Cognitive Decline in Alzheimers Disease. J Alzheimers Dis 2013-10-28 [PMID: 24164736]





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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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