

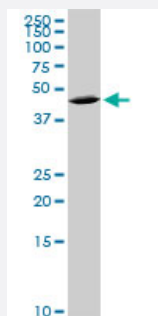
MaxPab®

QPCT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00025797-B01P

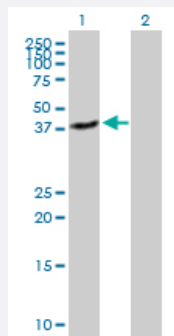
Size 50 ug

Applications



Western Blot (Cell lysate)

QPCT MaxPab polyclonal antibody. Western Blot analysis of QPCT expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of QPCT expression in transfected 293T cell line by QPCT MaxPab polyclonal antibody.

Lane 1: QPCT transfected lysate(39.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human QPCT protein.

Immunogen

QPCT (NP_036545.1, 1 a.a. ~ 361 a.a) full-length human protein.

Sequence

MAGGRHRRVVGTLHLLLLVAALPWASRGVSPSASAWPEEKNYHQPAILNSSLRQIAEGTSISEM
WQNDLQPLLIERYPGSPGSYAARQHIMQRIQLQADWVLEIDTFLSQTPYGYRSFSNIISTLNPTAKR
HLVLACHYDSKYFSHWNNRVFVGATDSAVPCAMMLELARALDKLLSLKTVSDSKPDLSLQLIFF
DGEEAFLHWSPQDSL YGSRHLAAKMASTPHPPGARGTSQLHGMDLLVLLDLIGAPNPTFPNFFP
NSARWFERLQAIEHELHELGLLKDHSLEGRYFQNYSYGGVIQDDHIPFLRRGVPVLHLIPSPFPEV
WHTMDDNEENLDESTIDNLNKILQVFVLEYLHL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (69)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Cell lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — QPCT

Entrez GeneID	25797
GeneBank Accession#	NM_012413
Protein Accession#	NP_036545.1
Gene Name	QPCT
Gene Alias	GCT, QC
Gene Description	glutamyl-peptide cyclotransferase
Omim ID	607065
Gene Ontology	Hyperlink

Gene Summary

This gene encodes human pituitary glutaminy cyclase, which is responsible for the presence of pyroglutamyl residues in many neuroendocrine peptides. The amino acid sequence of this enzyme is 86% identical to that of bovine glutaminy cyclase. [provided by RefSeq]

Other Designations

glutaminy cyclase

Publication Reference

- [Increased glutaminy cyclase expression in peripheral blood of Alzheimer's disease patients.](#)

Valenti MT, Bolognin S, Zanatta C, Donatelli L, Innamorati G, Pampanin M, Zanusso G, Zatta P, Dalle Carbonare L.
Journal of Alzheimer's Disease 2013 Feb; 34(1):263.

Application: WB, Human, Serum

- [Glutaminy Cyclase As a Diagnostic/Prognostic Indicator For Neurodegenerative Diseases.](#)

Hans-Ulrich Demuth, Stephan Schilling, Martin Kleinschmidt, Jens-Ulrich Rahfeld, Astrid Kehlen, Monique Haegele.
United States Patent Application Publication 2010 Feb; [Epub].

Application: WB-Ti, Human, Brain

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)