

QPCT rabbit monoclonal antibody

Catalog # H00025797-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human QPCT peptide using ARM Technology.
Immunogen	A synthetic peptide of human QPCT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human QPCT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — QPCT

Entrez GeneID	25797
GeneBank Accession#	QPCT
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 glutamyl 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 glutamyl cyclase. [provided by RefSeq]
Other Designations	glutamyl cyclase

Disease

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