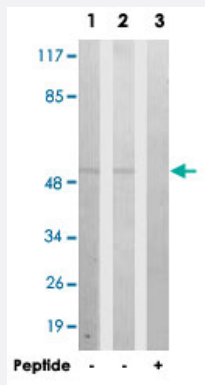


CPE polyclonal antibody

Catalog # PAB17650 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells (Lane 1 and lane 3) and RAW 264.7 cells (Lane 2), using CPE polyclonal antibody (Cat # PAB17650). Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CPE.
Immunogen	A synthetic peptide corresponding to internal of human CPE.
Host	Rabbit
Reactivity	Human, Rat
Specificity	This antibody detects endogenous levels of total CPE protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:40000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells (Lane 1 and lane 3) and RAW 264.7 cells (Lane 2), using CPE polyclonal antibody (Cat # PAB17650).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CPE

Entrez GeneID	1363
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Protein Accession#	P16870
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Gene Name	CPE
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Gene Alias	-
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Gene Description	carboxypeptidase E
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Omim ID	114855
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a carboxypeptidase that cleaves C-terminal amino acid residues and is involved in the biosynthesis of peptide hormones and neurotransmitters, including insulin. It is a peripheral membrane protein. The protein specifically binds regulated secretory pathway proteins, including prohormones, but not constitutively secreted proteins. Mutations in this gene are implicated in type II diabetes. [provided by RefSeq]
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Other Designations	-
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Pathway

- [Type I diabetes mellitus](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)