

CPE rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A12964	Rabbit	1 mg/ml	53151

Applications	WB,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB: 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	CPE Polyclonal Antibody detects endogenous levels of CPE protein.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human CPE. AA range:271-320
Uniprot No	P16870
Alternative names	CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallo-carboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the biosynthesis of peptide hormones and neurotransmitters, including insulin. This protein may also function independently of its peptidase activity, as a neurotrophic factor that promotes neuronal survival, and as a sorting receptor that binds to regulated secretory pathway proteins, including prohormones. Mutations in this gene are implicated in type 2 diabetes. [provided by RefSeq, Nov 2015],
Other	CPE, Carboxypeptidase E
Product Images:	

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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