

CPE

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:53kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CPE

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Carboxypeptidase E; Carboxypeptidase H; CPE; CPH; Enkephalin convertase;

Catalog #:A5458

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1363

Isotype:IgG

Swiss Prot:P16870

Purity:Affinity purification

For research use only.

Background:

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.

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