

## 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.

*To place an order, please [Click HERE](#).*