

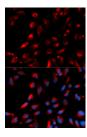
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CPE Polyclonal Antibody

Catalog No.E-AB-60972ReactivityH,MStorageStore at -20°C. Avoid freeze / thaw cycles.HostRabbitApplicationsIFIsotypeIgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunofluorescence analysis of U2OS cells using CPE Polyclonal Antibody

Immunogen Information

Immunogen Recombinant fusion protein of human CPE

(NP_001864.1).

GeneID 1363 Swissprot P16870 Synonyms CPE,CPH

Product Information

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification **Dilution** IF 1:50-1:200

Background

This gene encodes a member of the M14 family of metallocarboxypeptidases. 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.