

CPE Antibody

Catalog No: #34548

Package Size: #34548-1 50ul #34548-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

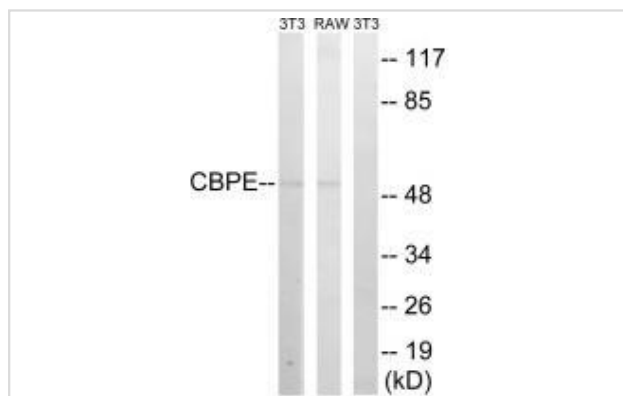
Description

Product Name	CPE Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CPE protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CPE.
Target Name	CPE
Other Names	carboxypeptidase e; carboxypeptidase e preproprotein; cbpe; cpe;
Accession No.	Swiss-Prot: P16870NCBI Gene ID: 1363
Uniprot	P16870
GeneID	1363;
SDS-PAGE MW	53kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 3T3 cells and RAW264.7 cells, using CPE antibody #34548.

Background

Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.

Manser E., Biochem. J. 267:517-525(1990).

Utsunomiya N., Diabetologia 41:701-705(1998).

Sjoebloom T., Science 314:268-274(2006)

Note: This product is for in vitro research use only