

Rabbit CPE Polyclonal Antibody | anti-CPE antibody

CPE antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200817	Rabbit	Cow, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

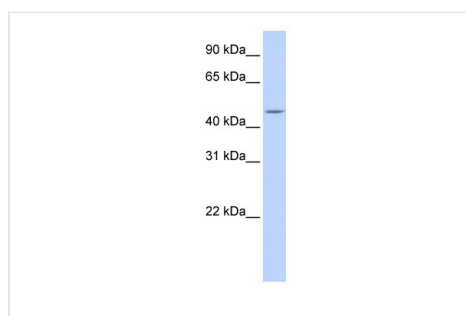
PRODUCT SYNONYMS

CPE; Polyclonal Antibody; CPE antibody - N-terminal region; anti-CPE antibody

PRODUCT SPECIFICATIONS

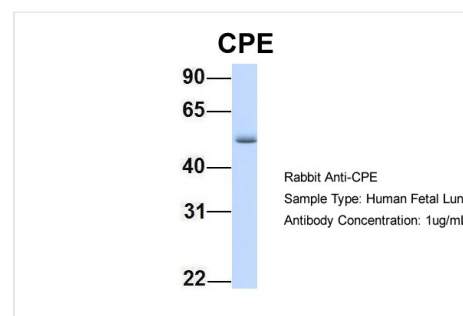
Host	Rabbit
Reactivity	Cow, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GM RRRRLQQED GISFEYHRYP ELREALVSVW LQCTAISRIY TVGRSFEG
Sequence Length	476
Applicable Applications for anti-CPE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPE
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



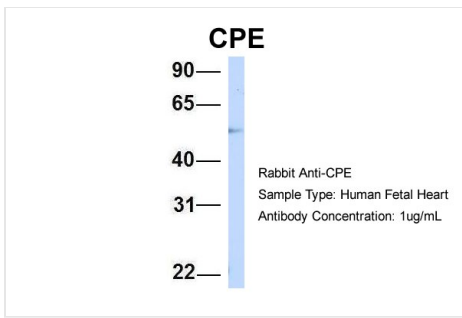
WB (Western Blot)

WB Suggested Anti-CPE Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: MCF7 cell lysate
CPE is supported by BioGPS gene expression data to be expressed in MCF7



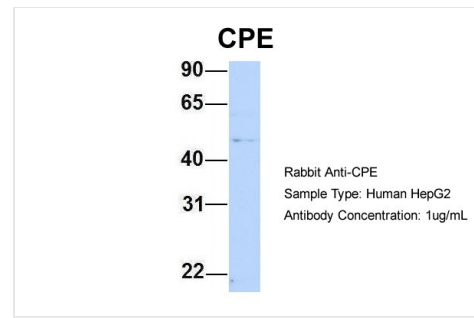
WB (Western Blot)

Host: Rabbit
Target Name: CPE
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



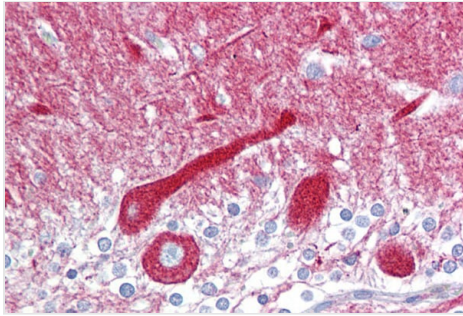
WB (Western Blot)

Host: Rabbit Target Name: CPE Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: CPE Sample Type: HepG2 Antibody Dilution: 1.0ug/ml CPE is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



IHC (Immunohistochemistry)

Immunohistochemistry with Brain, cerebellum tissue at an antibody concentration of 5ug/ml using anti-CPE antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CPE antibody

This is a rabbit polyclonal antibody against CPE. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: CPE is 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. 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. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-CPE antibody

Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Neuroscience; Signal Transduction; Membrane & Traffic; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503009
NCBI GeneID	1363
NCBI Accession #	NP_001864
NCBI GenBank Nucleotide #	NM_001873
UniProt Accession #	P16870
Molecular Weight	52kDa
NCBI Official Full Name	carboxypeptidase E preproprotein
NCBI Official Synonym Full Names	carboxypeptidase E

NCBI Official Symbol	CPE
NCBI Official Synonym Symbols	CPH
NCBI Protein Information	carboxypeptidase E
UniProt Protein Name	Carboxypeptidase E
UniProt Gene Name	CPE
UniProt Synonym Gene Names	CPE; CPH
UniProt Entry Name	CBPE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpe-antibody-western-blot-immunohistochemistry-elisa/200817>