



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP58445_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/cpe-antibody-n-terminal-region-biotin-arp58445-p050-biotin.html">www.avivasysbio.com/cpe-antibody-n-terminal-region-biotin-arp58445-p050-biotin.html</a>
Name	CPE Antibody - N-terminal region : Biotin (ARP58445_P050-Biotin)
Protein Size (# AA)	476 amino acids
Molecular Weight	52kDa
Conjugation	Biotin
NCBI Gene Id	1363
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Carboxypeptidase E
Alias Symbols	CPH
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">GMRRRRRRLQQEDGSGISFEYHRYPELREALVSVWLQCTAISRIYTVGRSFEG</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wang,J., (2008) Acta Pharmacol. Sin. 29 (6), 736-744
Description of Target	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.
Protein Interactions	PRKAA1; UBC; LRIF1; POLDIP2; MED31; ROBO2; POLA2; CHD3; TRH; NTS; GTF3C1; UTP14A; RPA1; PMCH; INS; GCG; GAST; CCK; BDNF;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-CPE (ARP58445_P050-Biotin) antibody</a>
Blocking Peptide	For anti-CPE (ARP58445_P050-Biotin) antibody is <a href="#">Catalog # AAP58445</a> (Previous Catalog # AAPP34556)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPE
Uniprot ID	<a href="#">P16870</a>
Protein Name	Carboxypeptidase E
Sample Type Confirmation	CPE is strongly supported by BioGPS gene expression data to be expressed in HepG2 CPE is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	<a href="#">NP_001864</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001873</a>
Gene Symbol	<a href="#">CPE</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Zebrafish
<b>Application</b>	IHC, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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