



Rabbit Anti-Human CPE (Mature N-Terminal) Polyclonal antibody (CPBT-66584RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises carboxypeptidase H also known as carboxypeptidase E, entephalin convertase, CPH and CPE. This enzyme functions to remove residual C-terminal arginine or lysine residues remaining after initial endoprotease cleavage during prohormone processing. It may be found in secretory granules of the pancreatic islets, adrenal gland and pituitary gland. Immunohistology *Serotec recommend methanol fixation for this purpose.
Specificity	CPE
Immunogen	Synthetic peptide derived from N-terminus of carboxypeptidase H.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; IP; WB
Format	Serum - liquid
Size	100 µl
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CPE carboxypeptidase E [Homo sapiens (human)]
Official Symbol	CPE
Synonyms	CPE; carboxypeptidase E; CPH; carboxypeptidase H; enkephalin convertase; prohormone-processing carboxypeptidase; insulin granule-associated carboxypeptidase; cobalt-stimulated chromaffin granule carboxypeptidase;
Entrez Gene ID	1363
Protein Refseq	NP_001864
UniProt ID	P16870
Chromosome Location	4q32.3
Pathway	Arf6 trafficking events; Insulin processing; Metabolism of proteins; Peptide hormone metabolism; Type I diabetes mellitus;
Function	carboxypeptidase activity; cell adhesion molecule binding; metallocarboxypeptidase activity; neurexin family protein binding; zinc ion binding;