



Rabbit Anti-Human Carboxypeptidase H (C-Terminal) Polyclonal antibody (CPBT-66583RH)

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, enkephalin 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.
Specificity	CARBOXYPEPTIDASE H
Immunogen	Synthetic peptide derived from the C-terminus of carboxypeptidase H, conjugated to KLH
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; IP; WB
Format	Serum - liquid
Size	100 µl
Preservative	0.1% 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; CARBOXYPEPTIDASE H;
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;