



Anti-CPA3 monoclonal antibody (DCABH-11108)

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

PRODUCT INFORMATION

Antigen Description	Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with proproteinase E and functions as a secretory granule metalloexopeptidase.
Immunogen	A synthetic peptide of human CPA3 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CPA3 carboxypeptidase A3 \(mast cell\) \[Homo sapiens \]](#)

Official Symbol	CPA3
Synonyms	CPA3; carboxypeptidase A3 (mast cell); mast cell carboxypeptidase A; tissue carboxypeptidase A; MC-CPA;
Entrez Gene ID	1359
Protein Refseq	NP_001861
UniProt ID	P15088
Chromosome Location	3q24
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem;
Function	metal ion binding; metallocarboxypeptidase activity; metallocarboxypeptidase activity; metalloproteinase activity; peptidase activity; zinc ion binding;