CPA5 rabbit monoclonal antibody

Catalog #　H00093979-K　　　　Size　100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CPA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CPA5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CPA5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CPA5

Entrez GeneID	93979
GeneBank Accession#	CPA5
Gene Name	CPA5
Gene Alias	FLJ35969
Gene Description	carboxypeptidase A5
Omim ID	609561
Gene Ontology	Hyperlink
Gene Summary	Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neu roendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA5, conta in an approximately 90-amino acid pro region that assists in the folding of the active carboxypepti dase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002 [PubMed 11836 249]).[supplied by OMIM
Other Designations	-