

CPA5 mouse monoclonal antibody (hybridoma)

Catalog # H00093979-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CPA5.
Immunogen	CPA5 (NP_525124.2, 1 a.a. ~ 436 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQGTPGGGTRPGPSPVDRRTLLVFSFILAAALGQMNFSGDQVLRVLAKDEKQLSLLGDLEGLKP QKVDLFWRGPARPSLPVDMRVPFSELKDIKAYLESHGLAYSIMIKDIQVLLDEERQAMAKSRRLER STNSFSYSSYHTLEEIYSWIDNFVMEHSDIVSKIQIGNSFENQSILVLKFSTGGSRHPAIIWDTGIHSR EWITHATGMTANKIVSDYGKDRVLTDLNAMDFIELVTNPDGFATHTSMNRLWRKNKSIRPGIFCIG VDLNRNWKSGFGGNGSNSNPCSETYHGSPSQSEPEVAAIVNFITAAGNFKALISIHSSYSQMLMYPY GRSLDPVSNQRELYDLAKDAVEALYKVHGIEYIFGSISTTLVVASGITVDWAYDSGIKYAFSFEIRD TGGYGFLLPATQIIPTAQETWMALRTIMEHTLNHPY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (83)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CPA5

Entrez GeneID	93979
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GeneBank Accession#	NM_080385.2
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Protein Accession#	NP_525124.2
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Gene Name	CPA5
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Gene Alias	FLJ35969
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Gene Description	carboxypeptidase A5
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Omim ID	609561
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Gene Ontology	Hyperlink
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Gene Summary	Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA5, contain an approximately 90-amino acid pro region that assists in the folding of the active carboxypeptidase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002 [PubMed 11836249]).[supplied by OMIM]
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Other Designations	-
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