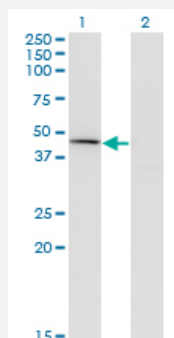


CPA1 monoclonal antibody (M01), clone 3F11

Catalog # H00001357-M01

Size 100 ug

Applications

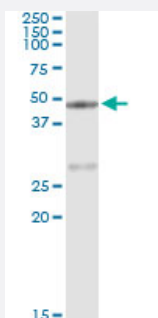


Western Blot (Transfected lysate)

Western Blot analysis of CPA1 expression in transfected 293T cell line by CPA1 monoclonal antibody (M01), clone 3F11.

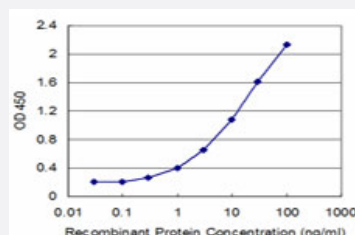
Lane 1: CPA1 transfected lysate (47.1 kDa).

Lane 2: Non-transfected lysate.



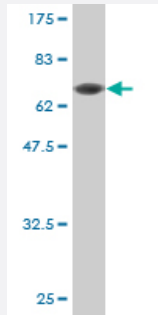
Immunoprecipitation

Immunoprecipitation of CPA1 transfected lysate using anti-CPA1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CPA1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CPA1 is approximately 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (71.83 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CPA1.
Immunogen	CPA1 (AAH05279, 1 a.a. ~ 419 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRGLLVLSVLLGAVFGKEDFVGHQVLRISVADEAQVQKVKELEDLEHLQLDFWRGPAHPGSPID VRVPFPSIQAVKIFLESHGISYETMIEDVQSLLDEEQEQMFAFRSRARSTDTFNYATYHTLEENDFL DLLVAENPHLVSKIQIGNTYEGRPIYVLKFSTGGSKRPAMWIDTGIHSREWVTQASGVWFAKKITQDY GQDAAFTAILDTLDIFLEIVTNPDGFAFTHSTNRMWRKTRSHTAGSLCIGVDPNRNWDAGFGLSGA SSNPCSETYRGKFANSEVEVKSIVDFVKDHGNIKAFISHSYSQLLMYPYGYKTEPVPDQDELDQL SKAAVTALASLYGTFNYGSIKAIYQASGSTIDWTYSQGIKYSFTFELRDTGRYGFLLPASQIIPTAKE TWLALLTIMEHTLNHPY
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (71.83 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CPA1 expression in transfected 293T cell line by CPA1 monoclonal antibody (M01), clone 3F11.

Lane 1: CPA1 transfected lysate(47.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CPA1 transfected lysate using anti-CPA1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CPA1 MaxPab rabbit polyclonal antibody.

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- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CPA1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CPA1

Entrez GeneID [1357](#)

GeneBank Accession# [BC005279](#)

Protein Accession# [AAH05279](#)

Gene Name CPA1

Gene Alias CPA

Gene Description carboxypeptidase A1 (pancreatic)

Omim ID [114850](#)

Gene Ontology [Hyperlink](#)

Gene Summary Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a monomeric pancreatic exopeptidase involved in zymogen inhibition. [provided by Ref Seq]

Other Designationspancreatic carboxypeptidase A1
