

Datasheet

CPA4 monoclonal antibody (M07), clone 1F4

Catalog Number: H00051200-M07

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CPA4.

Clone Name: 1F4

Immunogen: CPA4 (NP_057436, 260 a.a. ~ 361 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

NASFAGKGASDNPCEVYHGPHANSEVEVKSVDIFIQ
KHGNFKGFIDLHSYSQLLMYPYGYSVKKAPDAEELDK
VARLAAKALASVSGTEYQVGPTCTTVYP

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51200

Gene Symbol: CPA4

Gene Alias: CPA3

Gene Summary: This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases

that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq]