



Anti-CPA4 monoclonal antibody (DCABH-11109)

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

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | A synthetic peptide of human CPA4 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

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| Gene Name | CPA4 carboxypeptidase A4 [Homo sapiens] |
| Official Symbol | CPA4 |
| Synonyms | CPA4; carboxypeptidase A4; carboxypeptidase A3; CPA3; |
| Entrez Gene ID | 51200 |
| Protein Refseq | NP_001156918 |
| UniProt ID | Q9UI42 |
| Chromosome Location | 7q32 |
| Function | metal ion binding; metallocarboxypeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding; |