

DNAxPAb

Hard-to-Find
Antibody

CPA4 DNAxPAb

Catalog # H00051200-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CPA4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRWILFIGALIGSSICGQEKFFGDQVLRINVRNGDEISKLSQLVNSNNLKLNFWKSPSSFNRPVDVL VPSVSLQAFKSFLRSQGLEAYVTIEDLQALLDNEDDEMQRHNEGQERSNNFNYGAYHSLEAYHE MDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVRPAPVWLNAGIHSREWISQATAMWTARKI VSDYQRDPAITSILEKMDIFLLPVANPDGYVYTQTQNRLWRKTRSRNPGSSCIGADPNRNWNASFA GKGASDNPCSEVYHGPHANSEVEVKSVDVFIQKHGNFKGFIDLHSYSQLLMYPYGYSVKKAPDA EELDKVARLAALKALASVSGTEYQVGPTCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLLP ANQIIPTAEETWLGLKTIMEHV RDNLY
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CPA4

Entrez GeneID [51200](#)

GeneBank Accession# [NM_016352.2](#)

Protein Accession# [NP_057436.2](#)

Gene Name CPA4

Gene Alias CPA3

Gene Description carboxypeptidase A4

Omim ID [607635](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations carboxypeptidase A3

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)