

DNAxPAb

Hard-to-Find  
Antibody

## CPA3 DNAxPAb

Catalog # H00001359-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human CPA3 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                               |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence                | MRLILPVGLIATTLAIAPVRFDREKVFRVKPQDEKQADIKDLAKTNELDFWYPGATHHVAANMMVD<br>FRVSEKESQAIQSALDQNKMHYEILIHDLQEEIEKQFDVKEDIPGRHSYAKYNNWEKMAWTEKMM<br>DKYPEMVSRIKIGSTVEDNPLYVLKIGEKNERRKAIFMDCGIHAREWVSPAFCQWFVYQATKTYGR<br>NKIMTKLLDRMNFYILPVFNVDGYWSWTKNRMWRKNRSKNQNSKCIGTDLNRNFNASWNSIPNTN<br>DPCADNYRGSAPSEKETKAVTNFIRSHLNEIKVYTFHSYSQMLLFPYGYTSKLPPNHEDLAKVAK<br>IGTDVLSTRYETRYYGPIESTYPISGSSLDWAYDLGIKHTFAFELRDKGKFGFLLPESRIKPTCRETM<br>LAVKFI AKYILKHTS |
| 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 — CPA3

|                     |                                                                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1359</a>                                                                                                                                                                                                                                                              |
| GeneBank Accession# | <a href="#">NM_001870.1</a>                                                                                                                                                                                                                                                       |
| Protein Accession#  | <a href="#">NP_001861.1</a>                                                                                                                                                                                                                                                       |
| Gene Name           | CPA3                                                                                                                                                                                                                                                                              |
| Gene Alias          | -                                                                                                                                                                                                                                                                                 |
| Gene Description    | carboxypeptidase A3 (mast cell)                                                                                                                                                                                                                                                   |
| Omim ID             | <a href="#">114851</a>                                                                                                                                                                                                                                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                         |
| Gene Summary        | Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with proproteinase E and functions as a secretory granule metalloexopeptidase. [provided by RefSeq] |
| Other Designations  | mast cell carboxypeptidase A3                                                                                                                                                                                                                                                     |

## Pathway

- [Renin-angiotensin system](#)