

## Rabbit CPA1 Polyclonal Antibody | anti-CPA1 antibody

CPA1 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------------------------------------------------------|--------------|
| AAA197679 | Rabbit | Tested Species Reactivity: Human<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit | Western Blot |

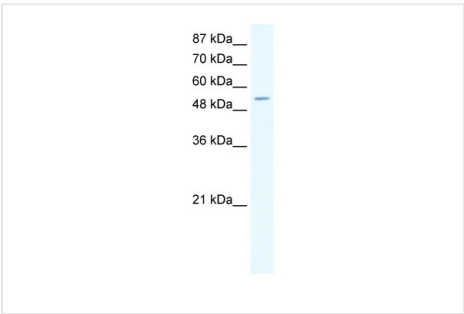
### PRODUCT SYNONYMS

CPA1; Polyclonal Antibody; CPA1 antibody - N-terminal region; anti-CPA1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Tested Species Reactivity: Human<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Concentration                                  | 0.5 mg/ml (varies by lot)                                                                                                                             |
| Sequence                                       | Synthetic peptide with the following sequence: QV LRISVADEAQ VQKVKEEDL EHLQLDFWRG PAHPGSPIDV RVPFPSIQ                                                 |
| Sequence Length                                | 419                                                                                                                                                   |
| Applicable Applications for anti-CPA1 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 83%; Dog: 86%; Horse: 100%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 79%; Rat: 93%                                                             |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human CPA1                                                             |
| Protein Size (# AA)                            | 419 amino acids                                                                                                                                       |
| Protein Interactions                           | ARRB1;                                                                                                                                                |
| Blocking Peptide                               | For anti-CPA1 antibody is Catalog #                                                                                                                   |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

IMAGES



WB (Western Blot)  
WB Suggested Anti-CPA1 Antibody Titration: 0.2-1 ug/mlPositive Control: HepG2 cell lysate

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CPA1 antibody | <p>This is a rabbit polyclonal antibody against CPA1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: Three different forms of human pancreatic procarboxypeptidase A have been isolated. The A1 and A2 forms are monomeric proteins with different biochemical properties. Carboxypeptidase A1 is a monomeric pancreatic exopeptidase. It is involved in zymogen inhibition.</p> |
| Product Categories/Family for anti-CPA1 antibody   | Polyclonal; Signal Proteins                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 4502997                           |
| NCBI GeneID                      | 1357                              |
| NCBI Accession #                 | NP_001859                         |
| NCBI GenBank Nucleotide #        | NM_001868                         |
| UniProt Accession #              | P15085                            |
| Molecular Weight                 | 47kDa                             |
| NCBI Official Full Name          | carboxypeptidase A1 preproprotein |
| NCBI Official Synonym Full Names | carboxypeptidase A1               |
| NCBI Official Symbol             | CPA1                              |
| NCBI Official Synonym Symbols    | CPA                               |
| NCBI Protein Information         | carboxypeptidase A1               |
| UniProt Protein Name             | Carboxypeptidase A1               |
| UniProt Gene Name                | CPA1                              |
| UniProt Synonym Gene Names       | CPA                               |
| UniProt Entry Name               | CBPA1_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.