

# Rabbit anti-Human Angiotensin I Converting Enzyme Polyclonal Antibody | anti-ACE antibody

Polyclonal Antibody to Angiotensin I Converting Enzyme (ACE)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA20954  | Rabbit | Human      | Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA |

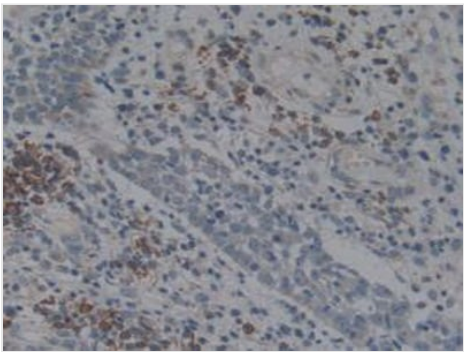
## PRODUCT SYNONYMS

Angiotensin I Converting Enzyme; Polyclonal Antibody; Polyclonal Antibody to Angiotensin I Converting Enzyme (ACE); anti-ACE antibody

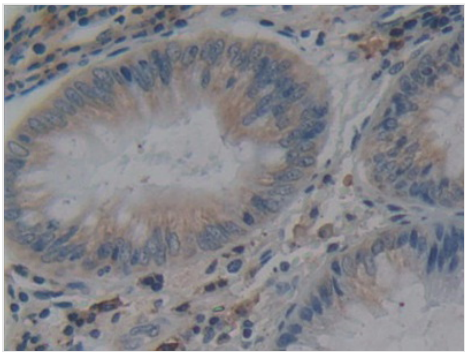
## PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                           | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                   | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-ACE antibody | WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes                             | Western blotting: 0.5-2ug/mL<br>Immunohistochemistry: 5-20ug/mL<br>Immunocytochemistry: 5-20ug/mL<br>Optimal working dilutions must be determined by end user.                                                                                                                                                                                                                                                                                                                                                   |
| Organism Species                              | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source                                        | Polyclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Traits                                        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen                                     | Recombinant ACE (Ser1160~Ser1306) expressed in E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                       | Storage:<br>Avoid repeated freeze/thaw cycles.<br>Store at 4 degree C for frequent use.<br>Aliquot and store at -20 degree C for 24 months.<br><br>Stability Test:<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

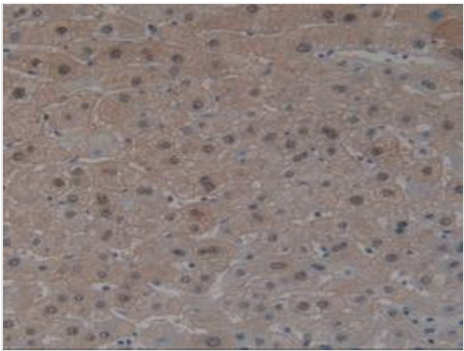
IMAGES



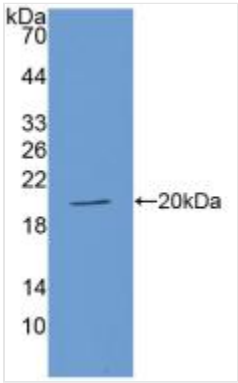
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 10ug/ml Rabbit Anti-Human ACE Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Immunohistochemistry)



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Rectum Cancer Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Liver Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant ACE, Human.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 4503273                                                        |
| NCBI GeneID                      | 1636                                                           |
| NCBI Accession #                 | NP_000780.1                                                    |
| NCBI GenBank Nucleotide #        | NM_000789.3                                                    |
| UniProt Accession #              | P12821; P22966; Q53YX9; Q59GY8; Q7M4L4; B0LPF0; B4DXI3; E7EU16 |
| NCBI Official Full Name          | angiotensin-converting enzyme isoform 1                        |
| NCBI Official Synonym Full Names | angiotensin I converting enzyme                                |
| NCBI Official Symbol             | ACE                                                            |
| NCBI Official Synonym Symbols    | DCP; ACE1; DCP1; CD143                                         |
| NCBI Protein Information         | angiotensin-converting enzyme                                  |
| UniProt Protein Name             | Angiotensin-converting enzyme                                  |
| UniProt Gene Name                | ACE                                                            |
| UniProt Synonym Gene Names       | DCP; DCP1; ACE                                                 |

**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.

