

## Rabbit Angiopoietin-1 Polyclonal Antibody | anti-ANGPT1 antibody

Rabbit anti-Angiopoietin-1 Antibody

|                               |                       |                                                     |                                                         |
|-------------------------------|-----------------------|-----------------------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA223546</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Bovine, Pig</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------|---------------------------------------------------------|

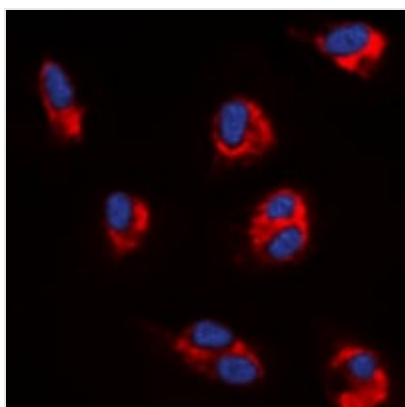
### PRODUCT SYNONYMS

Angiopoietin-1; Polyclonal Antibody; Rabbit anti-Angiopoietin-1 Antibody; KIAA0003; ANG-1; anti-ANGPT1 antibody

### PRODUCT SPECIFICATIONS

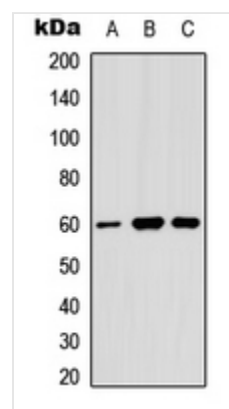
|                                                  |                                                                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                        |
| Reactivity                                       | Human, Mouse, Rat, Bovine, Pig                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                    |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                               |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                     |
| Concentration                                    | 1mg/mL (varies by lot)                                                                                                                        |
| Applicable Applications for anti-ANGPT1 antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                              |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Angiopoietin-1. The exact sequence is proprietary. |
| Preparation and Storage                          | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                     |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of Angiopoietin-1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of Angiopoietin-1 expression in MCF7 (A), HeLa (B), U87MG (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                    |
|----------------------------------------------------|--------------------|
| Product Categories/Family for anti-ANGPT1 antibody | Primary antibodies |
|----------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 315434240                                     |
| NCBI GeneID                      | 284                                           |
| NCBI Accession #                 | NP_001186788.1                                |
| NCBI GenBank Nucleotide #        | NM_001199859.1                                |
| UniProt Accession #              | Q15389; O08538; O35460                        |
| Molecular Weight                 | 57,513 Da                                     |
| NCBI Official Full Name          | angiotensinogen-converting enzyme 1 isoform 2 |
| NCBI Official Synonym Full Names | angiotensinogen-converting enzyme 1           |
| NCBI Official Symbol             | ANGPT1                                        |
| NCBI Official Synonym Symbols    | AGP1; AGPT; ANG1                              |
| NCBI Protein Information         | angiotensinogen-converting enzyme 1; ANG-1    |
| UniProt Protein Name             | Angiotensinogen-converting enzyme 1           |
| UniProt Gene Name                | ANGPT1                                        |
| UniProt Synonym Gene Names       | KIAA0003; ANG-1                               |
| UniProt Entry Name               | ANGP1_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.

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