

## Rabbit anti-Human, mouse LACE1 Polyclonal Antibody | anti-LACE1 antibody

LACE1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA229298 | Rabbit | Human, mouse | Immunohistochemistry, Western Blot, ELISA |

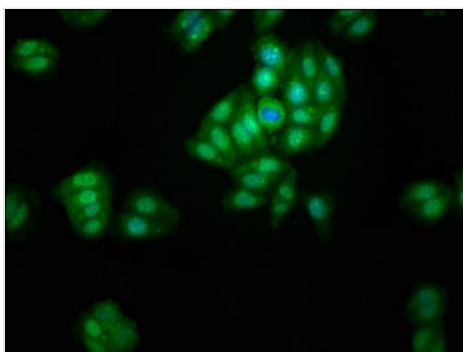
### PRODUCT SYNONYMS

LACE1; Polyclonal Antibody; LACE1 Antibody; Lactation elevated protein 1; Protein AFG1 homolog; AFG1; anti-LACE1 antibody

### PRODUCT SPECIFICATIONS

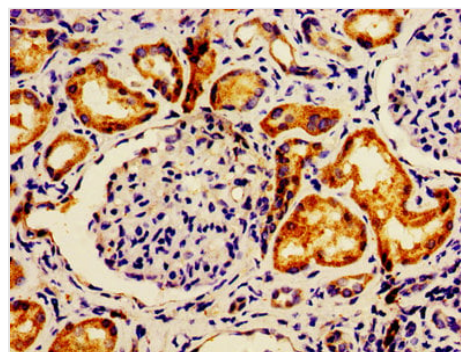
|                                                 |                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                   |
| Reactivity                                      | Human, mouse                                                                             |
| Clonality                                       | Polyclonal                                                                               |
| Isotype                                         | IgG                                                                                      |
| Purity/Purification                             | >95%,Protein G purified                                                                  |
| Form/Format                                     | Liquid                                                                                   |
| Sequence Length                                 | 481                                                                                      |
| Applicable Applications for anti-LACE1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                     |
| Immunogen                                       | Recombinant human Lactation elevated protein 1 protein                                   |
| Conjugation                                     | Non-conjugated                                                                           |
| Storage Buffer                                  | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4            |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168403           |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C. |

### IMAGES



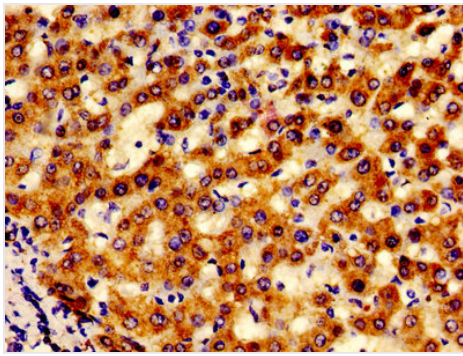
#### IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA229298 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



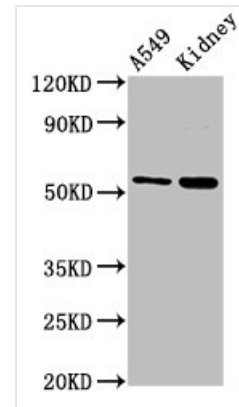
#### IHC (Immunohistochemistry)

IHC image of AAA229298 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA229298 diluted at 1:600 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western Blot Positive WB detected in: A549 whole cell lysate, Rat kidney tissue All lanes: LACE1 antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 55 KDa Observed band size: 55 KDa

## NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 21918872                     |
| NCBI GeneID                      | 246269                       |
| NCBI Accession #                 | NP_660358.2                  |
| NCBI GenBank Nucleotide #        | NM_145315.3                  |
| UniProt Accession #              | Q8WV93; Q8N6A3               |
| Molecular Weight                 | 54,845 Da                    |
| NCBI Official Full Name          | lactation elevated protein 1 |
| NCBI Official Synonym Full Names | lactation elevated 1         |
| NCBI Official Symbol             | LACE1                        |
| NCBI Official Synonym Symbols    | AFG1                         |
| NCBI Protein Information         | lactation elevated protein 1 |
| UniProt Protein Name             | Lactation elevated protein 1 |
| UniProt Gene Name                | LACE1                        |
| UniProt Synonym Gene Names       | AFG1                         |
| UniProt Entry Name               | LACE1_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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Online datasheet: <https://www.aaabiotech.com/polyclonal/lace1-antibody-immunohistochemistry-western-blot-elisa/229298>