

## Rabbit LRPAP1 Antibody | anti-LRPAP1 antibody

LRPAP1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA266610</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

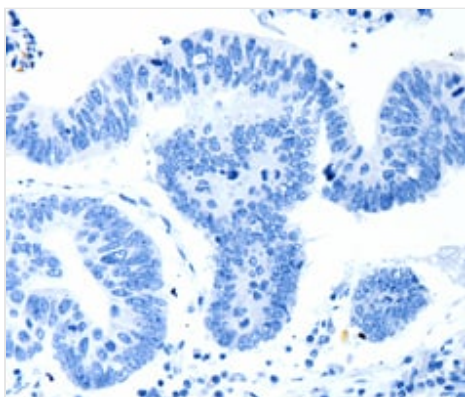
### PRODUCT SYNONYMS

LRPAP1; LRPAP1 Antibody; RAP; MRAP; A2RAP; HBP44; A2MRAP; anti-LRPAP1 antibody

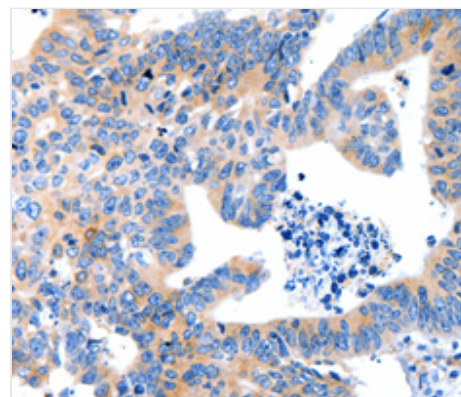
### PRODUCT SPECIFICATIONS

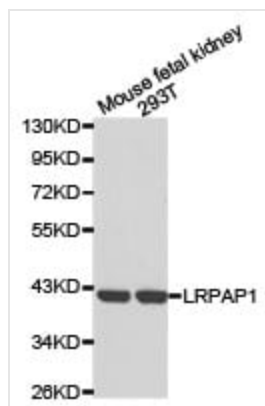
|                                                  |                                                                  |
|--------------------------------------------------|------------------------------------------------------------------|
| Host                                             | Rabbit                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                |
| Isotype                                          | IgG                                                              |
| Purity/Purification                              | Affinity purification                                            |
| Sequence Length                                  | 357                                                              |
| Applicable Applications for anti-LRPAP1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                    |
| Immunogen                                        | A synthetic peptide of human LRPAP1                              |
| Storage Buffer                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                |
| Preparation and Storage                          | Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human colon cancer tissue using LRPAP1 antibody.


**Application Data**



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LRPAP1 antibody. (1: Mouse fetal kidney 2: 293T cell lysate)

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LRPAP1 antibody</b> | Low density lipoprotein receptor-related protein associated protein 1 also known as LRPAP1 or RAP is a chaperone protein which in humans is encoded by the LRPAP1 gene. LRPAP1 is involved with trafficking of certain members of the LDL receptor family including LRP1 and LRP2. It is a glycoprotein that binds to the alpha-2-macroglobulin receptor, as well as to other members of the low density lipoprotein receptor family. It acts to inhibit the binding of all known ligands for these receptors, and may prevent receptor aggregation and degradation in the endoplasmic reticulum, thereby acting as a molecular chaperone. It may be under the regulatory control of calmodulin, since it is able to bind calmodulin and be phosphorylated by calmodulin-dependent kinase II. |
| <b>Product Categories/Family for anti-LRPAP1 antibody</b>   | <a href="#">Autophagy antibody</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular</a> ; <a href="#">Cell Biology</a> ; <a href="#">Epigenetics &amp; Nuclear Signaling</a> ; <a href="#">Developmental Biologys</a> ; <a href="#">Immunology</a> ; <a href="#">Drug Discovery Products</a> ; <a href="#">Metabolism</a> ; <a href="#">Neuroscience</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Stem Cells</a>                                                                                                                                                                                                                                                                                                                                                              |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                      |
|-----------------------------------------|------------------------------------------------------|
| <b>NCBI GI #</b>                        | 4505021                                              |
| <b>NCBI GeneID</b>                      | 4043                                                 |
| <b>NCBI Accession #</b>                 | NP_002328.1                                          |
| <b>NCBI GenBank Nucleotide #</b>        | NM_002337.3                                          |
| <b>UniProt Accession #</b>              | P30533; Q2M310; Q53HQ3; Q53HS6; D3DVR9               |
| <b>Molecular Weight</b>                 | 41kDa                                                |
| <b>NCBI Official Full Name</b>          | alpha-2-macroglobulin receptor-associated protein    |
| <b>NCBI Official Synonym Full Names</b> | LDL receptor related protein associated protein 1    |
| <b>NCBI Official Symbol</b>             | LRPAP1                                               |
| <b>NCBI Official Synonym Symbols</b>    | RAP; MRAP; A2RAP; HBP44; MYP23; A2MRAP; alpha-2-MRAP |
| <b>NCBI Protein Information</b>         | alpha-2-macroglobulin receptor-associated protein    |
| <b>UniProt Protein Name</b>             | Alpha-2-macroglobulin receptor-associated protein    |
| <b>UniProt Gene Name</b>                | <b>LRPAP1</b>                                        |
| <b>UniProt Synonym Gene Names</b>       | A2MRAP; Alpha-2-MRAP; RAP                            |

**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.