

## Rabbit anti-Human, Mouse AP2A1 Polyclonal Antibody | anti-AP2A1 antibody

AP2A1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA173398 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

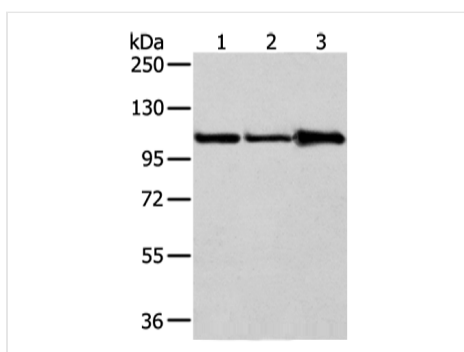
### PRODUCT SYNONYMS

AP2A1; Polyclonal Antibody; AP2A1 Polyclonal Antibody; ADTAA; CLAPA1; AP2-ALPHA; anti-AP2A1 antibody

### PRODUCT SPECIFICATIONS

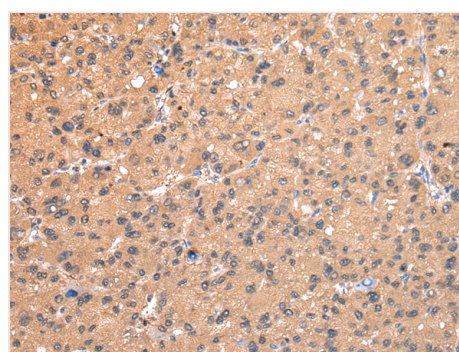
|                                                 |                                                      |
|-------------------------------------------------|------------------------------------------------------|
| Host                                            | Rabbit                                               |
| Reactivity                                      | Human, Mouse                                         |
| Clonality                                       | Polyclonal                                           |
| Isotype                                         | IgG                                                  |
| Purity/Purification                             | Antigen Affinity Purification                        |
| Concentration                                   | 1.4mg/ml (varies by lot)                             |
| Sequence Length                                 | 982                                                  |
| Applicable Applications for anti-AP2A1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Immunogen                                       | Synthetic peptide of human AP2A1                     |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3     |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.     |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of A431, 231 and NIH/3T3 cell using AP2A1 Polyclonal Antibody at dilution of 1/250



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using AP2A1 Polyclonal Antibody at dilution of 1/20

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AP2A1 antibody | This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 15559717                                          |
| NCBI GeneID                      | 160                                               |
| Molecular Weight                 | 108 kDa                                           |
| NCBI Official Full Name          | AP2A1 protein                                     |
| NCBI Official Synonym Full Names | adaptor related protein complex 2 alpha 1 subunit |
| NCBI Official Symbol             | AP2A1                                             |
| NCBI Official Synonym Symbols    | ADTAA; CLAPA1; AP2-ALPHA                          |
| NCBI Protein Information         | AP-2 complex subunit alpha-1                      |
| UniProt Protein Name             | AP-2 complex subunit alpha-1                      |
| UniProt Gene Name                | AP2A1                                             |
| UniProt Synonym Gene Names       | ADTAA; CLAPA1                                     |
| UniProt Entry Name               | AP2A1_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.