

## Rabbit anti-Human CACNA1A Polyclonal Antibody | anti-CACNA1A antibody

CACNA1A Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA240888</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

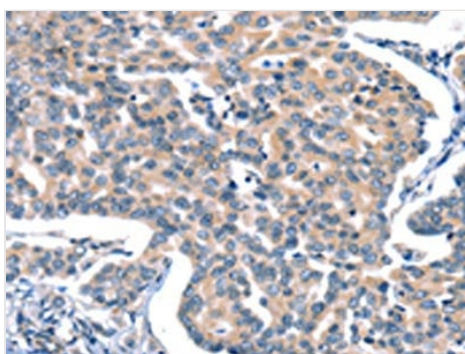
### PRODUCT SYNONYMS

CACNA1A; Polyclonal Antibody; CACNA1A Antibody; calcium channel; voltage-dependent; P/Q type; alpha 1A subunit; anti-CACNA1A antibody

### PRODUCT SPECIFICATIONS

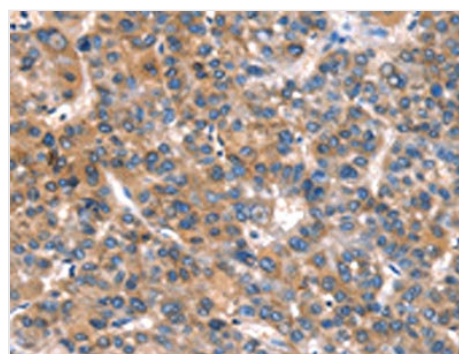
|                                                   |                                                                                         |
|---------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                  |
| Reactivity                                        | Human                                                                                   |
| Clonality                                         | Polyclonal                                                                              |
| Isotype                                           | IgG                                                                                     |
| Purity/Purification                               | Antigen Affinity Purification                                                           |
| Form/Format                                       | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-CACNA1A antibody | IHC (Immunohistochemistry), ELISA                                                       |
| Immunogen                                         | Synthetic peptide of human CACNA1A                                                      |
| Immunogen Species                                 | Human                                                                                   |
| Conjugate                                         | Non-conjugated                                                                          |
| Preparation and Storage                           | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using AAA240888(CACNA1A Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA240888(CACNA1A Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                     |              |
|-----------------------------------------------------|--------------|
| Product Categories/Family for anti-CACNA1A antibody | Neuroscience |
|-----------------------------------------------------|--------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6166047                                                                                                                                                                                                         |
| NCBI GeneID                      | 773                                                                                                                                                                                                             |
| UniProt Accession #              | O00555; P78510; P78511; Q16290; Q92690; Q99790; Q99791; Q99792; Q99793; Q9NS88; Q9UDC4; J3KP41                                                                                                                  |
| Molecular Weight                 | 282,564 Da                                                                                                                                                                                                      |
| NCBI Official Full Name          | Voltage-dependent P/Q-type calcium channel subunit alpha-1A                                                                                                                                                     |
| NCBI Official Synonym Full Names | calcium channel, voltage-dependent, P/Q type, alpha 1A subunit                                                                                                                                                  |
| NCBI Official Symbol             | CACNA1A                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | BI; EA2; FHM; MHP; APCA; HPCA; MHP1; SCA6; CAV2.1; CACNL1A4                                                                                                                                                     |
| NCBI Protein Information         | voltage-dependent P/Q-type calcium channel subunit alpha-1A; brain calcium channel 1; brain calcium channel I; calcium channel, L type, alpha-1 polypeptide; voltage-gated calcium channel subunit alpha Cav2.1 |
| UniProt Protein Name             | Voltage-dependent P/Q-type calcium channel subunit alpha-1A                                                                                                                                                     |
| UniProt Gene Name                | CACNA1A                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | CACH4; CACN3; CACNL1A4; BI                                                                                                                                                                                      |
| UniProt Entry Name               | CAC1A_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://stage.aaabiotech.com/polyclonal/cacna1a-antibody-immunohistochemistry-elisa/240888>