

## Rabbit ADRA1A Polyclonal Antibody | anti-ADRA1A antibody

ADRA1A Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA167676</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

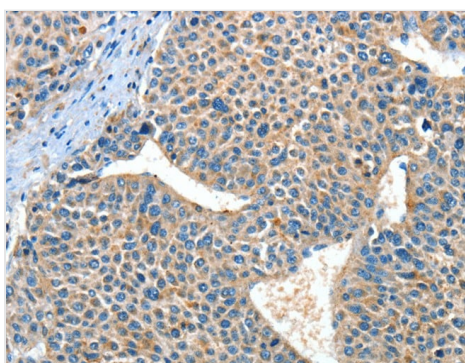
### PRODUCT SYNONYMS

ADRA1A; Polyclonal Antibody; ADRA1A Polyclonal Antibody; ADRA1C; ADRA1L1; ALPHA1AAR; anti-ADRA1A antibody

### PRODUCT SPECIFICATIONS

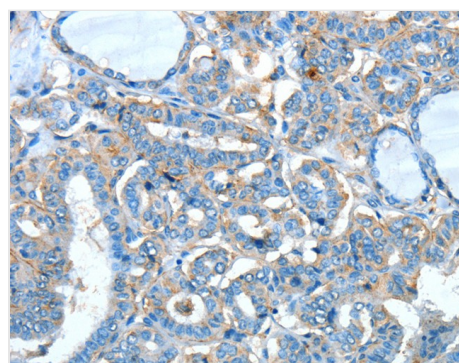
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 2.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                  | 466                                                                                       |
| Applicable Applications for anti-ADRA1A antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                        | Synthetic peptide of human ADRA1A                                                         |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



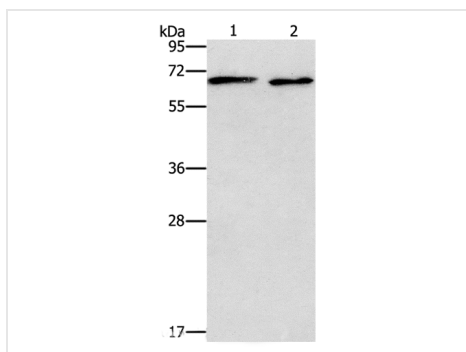
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ADRA1A Polyclonal Antibody at dilution of 1:60



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ADRA1A Polyclonal Antibody at dilution of 1:60



#### WB (Western Blot)

Western Blot analysis of PC3 and Raji cell using ADRA1A Polyclonal Antibody at dilution of 1:337.5

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ADRA1A antibody</b> | Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties. |
| <b>Product Categories/Family for anti-ADRA1A antibody</b>   | Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 1168246                                                                                                                                                                                                                                                                                                                                                        |
| <b>NCBI GeneID</b>                      | 148                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Weight</b>                 | 40,638 Da                                                                                                                                                                                                                                                                                                                                                      |
| <b>NCBI Official Full Name</b>          | Alpha-1A adrenergic receptor                                                                                                                                                                                                                                                                                                                                   |
| <b>NCBI Official Synonym Full Names</b> | adrenoceptor alpha 1A                                                                                                                                                                                                                                                                                                                                          |
| <b>NCBI Official Symbol</b>             | ADRA1A                                                                                                                                                                                                                                                                                                                                                         |
| <b>NCBI Official Synonym Symbols</b>    | ADRA1C; ADRA1L1; ALPHA1AAR                                                                                                                                                                                                                                                                                                                                     |
| <b>NCBI Protein Information</b>         | alpha-1A adrenergic receptor; G protein coupled receptor; adrenergic, alpha-1A-, receptor variant 1; adrenergic, alpha-1A-, receptor variant 11; adrenergic, alpha-1A-, receptor variant 3; adrenergic, alpha-1A-, receptor variant 5; adrenergic, alpha-1A-, receptor variant 8; alpha-1A adrenoceptor; alpha-1A adrenoreceptor; alpha-1C adrenergic receptor |
| <b>UniProt Protein Name</b>             | Alpha-1A adrenergic receptor                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt Gene Name</b>                | <b>ADRA1A</b>                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt Synonym Gene Names</b>       | ADRA1C; Alpha-1A adrenoceptor                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt Entry Name</b>               | ADA1A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/adra1a-antibody-immunohistochemistry-western-blot-elisa/167676>