

## Anti-ADRA1A Polyclonal Antibody

Cat: AC51572

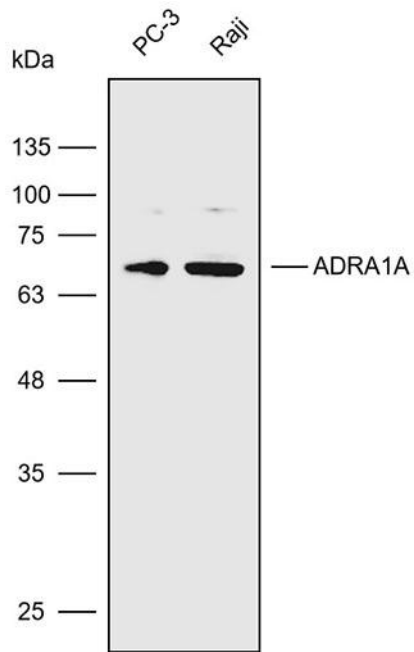
### Summary:

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|---|---|
| <b>【Product name】</b> : Anti-ADRA1A antibody                                | <b>【Source】</b> : Rabbit                      |
| <b>【Isotype】</b> : IgG  | <b>【Species reactivity】</b> : Human Mouse Rat |
| <b>【Swiss Prot】</b> : P35348  | <b>【Gene ID】</b> : 148                        |
| <b>【Calculated】</b> : MW:51kDa  | <b>【Observed】</b> : MW:68kDa                  |
| <b>【Purification】</b> : Affinity purification                               |   |
| <b>【Tested applications】</b> : WB IHC                                       |   |
| <b>【Recommended dilution】</b> : WB 1:500-2000. IHC 1:25-100.                |   |
| <b>【WB Positive sample】</b> : PC-3,Raji                                     |   |
| <b>【IHC Positive sample】</b> : Human thyriod cancer                         |   |
| <b>【Subcellular location】</b> : Nucleus Cell membrane                       |   |
| <b>【Immunogen】</b> : Recombinant protein of human ADRA1A                    |   |
| <b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C |   |

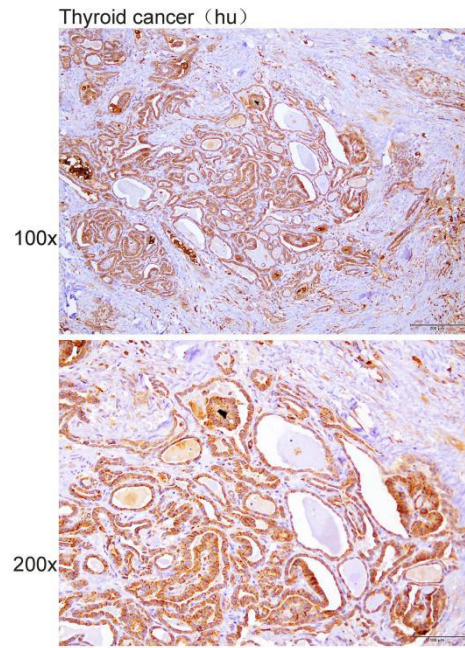
### Background:

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.

## Verified picture



Western blot analysis with ADRA1A antibody diluted at 1:1000; Lane: PC-3, Raji



Immunohistochemistry of paraffin-embedded Human thyroid cancer with ADRA1A antibody diluted at 1:50