

## Rabbit PRKAR1A Polyclonal Antibody | anti-PRKAR1A antibody

Anti-PRKAR1A Antibody

| CATALOG # | HOST   | REACTIVITY                                    | APPLICATIONS                     |
|-----------|--------|-----------------------------------------------|----------------------------------|
| AAA292342 | Rabbit | Human, Mouse, Rat, Pig, Chicken, Bovine, SARS | Immunofluorescence, Western Blot |

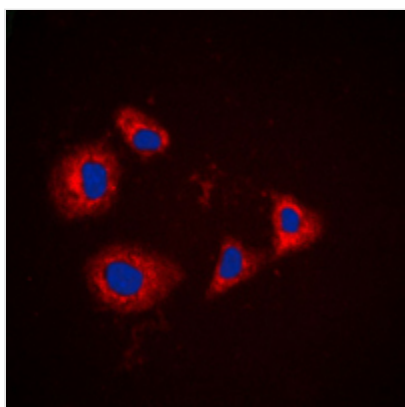
### PRODUCT SYNONYMS

PRKAR1A; Polyclonal Antibody; Anti-PRKAR1A Antibody; PKR1; PRKAR1; TSE1; cAMP-dependent protein kinase type I-alpha regulatory subunit; Tissue-specific extinguisher 1; anti-PRKAR1A antibody

### PRODUCT SPECIFICATIONS

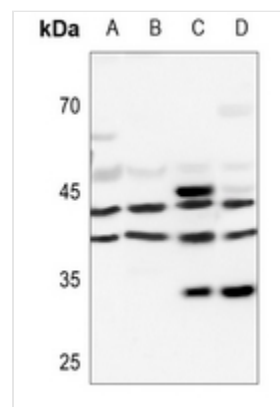
|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                |
| Reactivity                                        | Human, Mouse, Rat, Pig, Chicken, Bovine, SARS                                                                                                         |
| Clonality                                         | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-PRKAR1A antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                                      |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Dilution: IF WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Immunofluorescent analysis of PRKAR1A staining in HT29 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Western blot analysis of PRKAR1A expression in HEK293T (A), MCF7 (B), mouse testis (C), rat testis (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                 |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PRKAR1A antibody | Rabbit polyclonal antibody to PRKAR1A<br>KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PRKAR1A. The exact sequence is proprietary. |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 443497964                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 5573                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001263218.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001276289.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P10644; Q567S7                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 42,982 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | cAMP-dependent protein kinase type I-alpha regulatory subunit isoform a                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | protein kinase, cAMP-dependent, regulatory, type I, alpha                                                                                                                                                                                                       |
| NCBI Official Symbol             | PRKAR1A                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | CAR; CNC; CNC1; PKR1; TSE1; ADOHR; PPNAD1; PRKAR1; ACRDYS1                                                                                                                                                                                                      |
| NCBI Protein Information         | cAMP-dependent protein kinase type I-alpha regulatory subunit; tissue-specific extinguisher 1; protein kinase A type 1a regulatory subunit; cAMP-dependent protein kinase regulatory subunit RIalpha; cAMP-dependent protein kinase type I-alpha regulatory cha |
| UniProt Protein Name             | cAMP-dependent protein kinase type I-alpha regulatory subunit                                                                                                                                                                                                   |
| UniProt Gene Name                | PRKAR1A                                                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | PKR1; PRKAR1; TSE1; TSE1                                                                                                                                                                                                                                        |
| UniProt Entry Name               | KAP0_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://www.aaabiotech.com/polyclonal/prkar1a-antibody-immunochemistry-immunofluorescence-western-blot-elisa/292342>