

## Rabbit anti-Human LY6E Polyclonal Antibody | anti-LY6E antibody

LY6E Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA118452 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

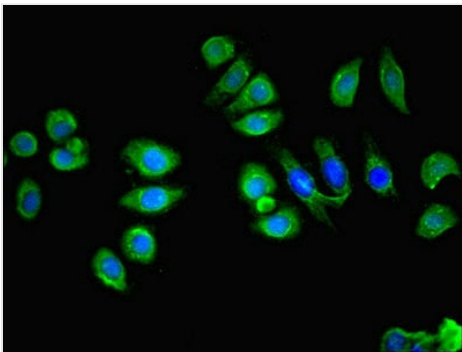
### PRODUCT SYNONYMS

LY6E; Polyclonal Antibody; LY6E Antibody; Lymphocyte antigen 6E (Ly-6E) (Retinoic acid-induced gene E protein) (RIG-E) (Stem cell antigen 2) (SCA-2) (Thymic shared antigen 1) (TSA-1); 9804 RIGE SCA2 TSA1; anti-LY6E antibody

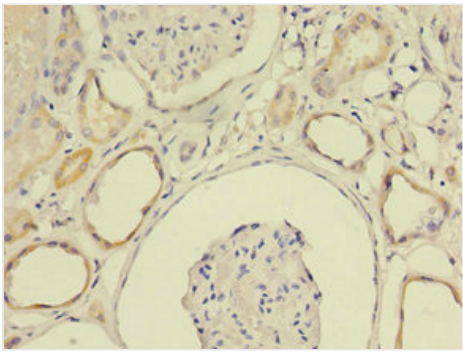
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 131                                                                              |
| Applicable Applications for anti-LY6E antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Conjugate                                      | Non-conjugated                                                                   |
| Research Area                                  | Cell Biology                                                                     |
| Target Names                                   | LY6E                                                                             |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| Immunogen                                      | Recombinant human Lymphocyte antigen 6E protein(21-101AA)                        |
| Immunogen Species                              | Homo sapiens (Human)                                                             |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23087    |
| Preparation and Storage                        | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                    |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescent analysis of A549 cells cells using AAA118452 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA118452 at dilution 1:100

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LY6E antibody</b> | Description: The peptide mapping within amino acids 21-101 of the human LY6E protein is used to immunize the rabbit to produce the LY6E antibody. This LY6E polyclonal antibody occurs as an unconjugated IgG. It is purified by protein G and reaches up to 95% in purity. It is only reactive with human LY6E protein, which exerts multiple effects in immunological regulation, T cell physiology, and oncogenesis. The LY6E protein also participates in the regulation of viral infection. This antibody is suitable for ELISA, IHC, and IF applications. |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 187761331                                          |
| NCBI GeneID                      | 4061                                               |
| NCBI Accession #                 | NP_001120685.1                                     |
| NCBI GenBank Nucleotide #        | NM_001127213.1                                     |
| UniProt Accession #              | Q16553; Q0VDE5; B2R4X5; D3DWJ2                     |
| NCBI Official Full Name          | lymphocyte antigen 6E                              |
| NCBI Official Synonym Full Names | lymphocyte antigen 6 complex, locus E              |
| NCBI Official Symbol             | LY6E                                               |
| NCBI Official Synonym Symbols    | RIGE; SCA2; RIG-E; SCA-2; TSA-1                    |
| NCBI Protein Information         | lymphocyte antigen 6E                              |
| UniProt Protein Name             | Lymphocyte antigen 6E                              |
| UniProt Gene Name                | LY6E                                               |
| UniProt Synonym Gene Names       | 9804; RIGE; SCA2; TSA1; Ly-6E; RIG-E; SCA-2; TSA-1 |
| UniProt Entry Name               | LY6E_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.