

## Rabbit anti-Human, Mouse PGLS Polyclonal Antibody | anti-PGLS antibody

PGLS Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                   |
|-----------|--------|--------------|----------------------------------------------------------------|
| AAA231684 | Rabbit | Human, Mouse | Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA |

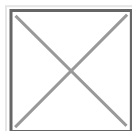
### PRODUCT SYNONYMS

PGLS; Polyclonal Antibody; PGLS Antibody; 6-phosphogluconolactonase; 6PGL; anti-PGLS antibody

### PRODUCT SPECIFICATIONS

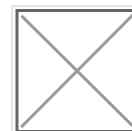
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | Antigen Affinity Purified                                                                                      |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 258                                                                                                            |
| Applicable Applications for anti-PGLS antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                 |
| Species                                        | Human                                                                                                          |
| Immunogen                                      | Recombinant human 6-phosphogluconolactonase protein (1-258AA)                                                  |
| Conjugate                                      | Non-conjugated                                                                                                 |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-243779 / sc-243780                     |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



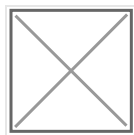
#### IP (Immunoprecipitation)

Immunoprecipitating PGLS in U251 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA231684 in U251 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: AAA231684(4ug)+ U251 whole cell lysate(500ug) Lane 3: U251 whole cell lysate (20ug)



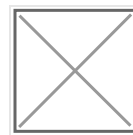
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA231684 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA231684 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: PGLS antibody at 3.94 ug/mlLane 1: Mouse heart tissueLane 2: Mouse liver tissueLane 3: Mouse brain tissueLane 4: U251 whole cell lysateLane 5: Thp-1 whole cell lysateLane 6: HepG-2 whole cell lysateLane 7: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 28 kDaObserved band size: 28,52 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-PGLS antibody

Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.

## NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 6912586                   |
| NCBI GeneID                      | 25796                     |
| NCBI Accession #                 | NP_036220.1               |
| NCBI GenBank Nucleotide #        | NM_012088.2               |
| UniProt Accession #              | O95336                    |
| Molecular Weight                 | 27,547 Da                 |
| NCBI Official Full Name          | 6-phosphogluconolactonase |
| NCBI Official Synonym Full Names | 6-phosphogluconolactonase |
| NCBI Official Symbol             | PGLS                      |
| NCBI Official Synonym Symbols    | 6PGL; HEL-S-304           |
| NCBI Protein Information         | 6-phosphogluconolactonase |
| UniProt Protein Name             | 6-phosphogluconolactonase |
| UniProt Gene Name                | PGLS                      |
| UniProt Synonym Gene Names       | 6PGL                      |
| UniProt Entry Name               | 6PGL_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/pgls-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/231684>