

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

PGLS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324397	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

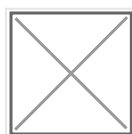
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

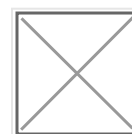
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PGLS antibody detects endogenous levels of total PGLS
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	258
Applicable Applications for anti-PGLS antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (91%), Dog (91%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324397 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using PGLS antibody.



IHC (Immunohistochemistry)

AAA324397 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PGLS antibody	Function: Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate. Similarity: Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.
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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	Observed: 30 kD Predicted: 28 kDa
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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324397>