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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58513_P050-HRP
Product Page	www.avivasysbio.com/pgls-antibody-middle-region-hrp-arp58513-p050-hrp.html
Name	PGLS Antibody - middle region : HRP (ARP58513_P050-HRP)
Protein Size (# AA)	258 amino acids
Molecular Weight	28kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	25796
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	6-phosphogluconolactonase
Alias Symbols	6PGL, HEL-S-304
Peptide Sequence	Synthetic peptide located within the following region: AAVLKRILEDQEEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Miclet, E., (2001) J. Biol. Chem. 276 (37), 34840-34846
Description of Target	PGLS belongs to the glucosamine/galactosamine-6-phosphate isomerase family, 6-phosphogluconolactonase subfamily. It is implicated in the hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.
Protein Interactions	NOTCH2NL; KRTAP10-3; KRTAP10-8; KRTAP10-9; KRT40; KRTAP4-2; RCHY1; RBPMS; MDFI; KRT31; KRTAP5-9; SUMO2; UBC; TERF2IP; POT1; TERF1; PLSCR1; EWSR1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PGLS (ARP58513_P050-HRP) antibody
Additional Information	IHC Information: Tonsil, Human: Formalin-Fixed, Paraffin-Embedded (FFPE) IHC Information: Tonsil, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)
Blocking Peptide	For anti-PGLS (ARP58513_P050-HRP) antibody is Catalog # AAP58513 (Previous Catalog # AAPP34534)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PGLS
Uniprot ID	O95336
Protein Name	6-phosphogluconolactonase
Sample Type Confirmation	PGLS is strongly supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_036220
Purification	Affinity Purified
Nucleotide Accession #	NM_012088
Gene Symbol	PGLS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rat: 93%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com