

# PGS1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the C-terminal of human PGS1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2607607

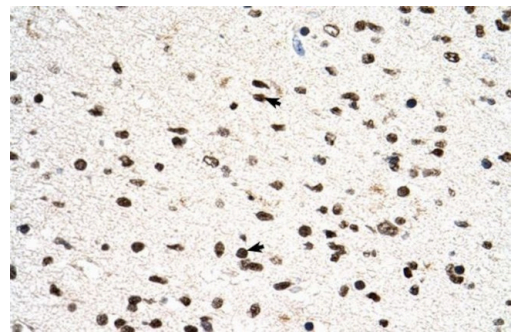
Applications	Tested Dilution	Publications
Western Blot (WB)	0.2-1 µg/mL	1 Publication
Immunohistochemistry (IHC)	5 µg/mL	-

## Product Specific Information

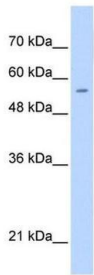
Peptide sequence: QIAIVTENQA LQQQLHQEQE QLYLRSGVVS SATFEQPSRQ VKLWVKMVTP

Sequence homology: Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 86%; Rat: 93%

Product Images For PGS1 Polyclonal Antibody



**PGS1 Antibody (PA5-43247) in IHC**  
Immunohistochemistry analysis of human brain cells using an anti-PGS1 polyclonal antibody (Product # PA5-43247).



**PGS1 Antibody (PA5-43247) in WB**  
Western blot analysis of human Jurkat cell lysate using an anti-PGS1 polyclonal antibody (Product # PA5-43247).

1 Reference

Western Blot (1)

Cell death & disease	Year 2022
Role of cardiolipins, mitochondria, and autophagy in the differentiation process activated by all-trans retinoic acid in acute promyelocytic leukemia.	Species Human
"PA5-43247 was used in Western Blot to demonstrate that exposure of the Acute-Promyelocytic-Leukemia-derived NB4 cell-line to all-trans retinoic acid causes an early reduction in the amounts of cardiolipins, a major lipid component of the mitochondrial membranes."	
Authors: Gianni' M,Goracci L,Schlaefli A,Di Veroli A,Kurosaki M,Guarrera L,Bolis M,Foglia M,Lupi M,Tschan MP, Cruciani G,Terao M,Garattini E	

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