

GOLGB1 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 N-terminal of human GOLGB1
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_2607822

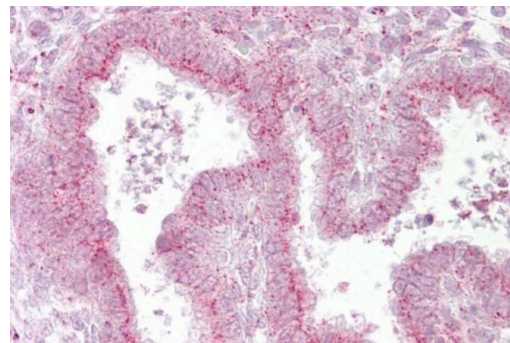
Applications	Tested Dilution	Publications
Western Blot (WB)	0.2-1 µg/mL	1 Publication
Immunohistochemistry (IHC)	5 µg/mL	-
Surface plasmon resonance (SPR)	Assay-dependent	-

Product Specific Information

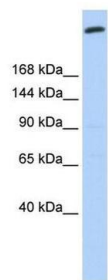
Peptide sequence: NKYIEEMKAQ GGTVLPTPEQ SEEQLSKHDK SSTEEMEIE KIKHKLQEKE

Sequence homology: Cow: 100%; Dog: 100%; Horse: 93%; Human: 100%; Mouse: 85%; Pig: 100%; Rabbit: 100%; Rat: 92%

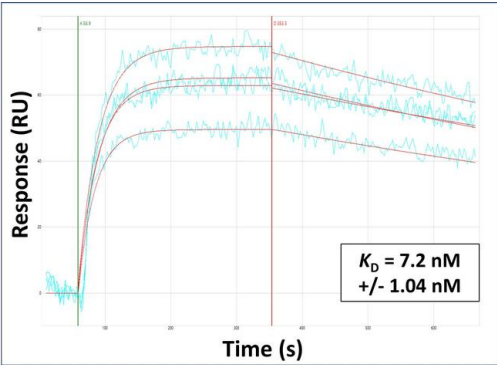
Product Images For GOLGB1 Polyclonal Antibody



GOLGB1 Antibody (PA5-42884) in IHC
Immunohistochemistry analysis of human uterus tissue using an anti-GOLGB1 polyclonal antibody (Product # PA5-42884).



GOLGB1 Antibody (PA5-42884) in WB
Western blot analysis of human 721_B cell lysate using an anti-GOLGB1 polyclonal antibody (Product # PA5-42884).



GOLGB1 Antibody (PA5-42884) in SPR
Surface Plasmon Resonance of GOLGB1 polyclonal antibody (Product # PA5-42884). Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip at concentrations of 5, and 50 µg/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333 nm peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.

1 Reference

Western Blot (1)

Cells	Year 2020
Towards Age-Related Anti-Inflammatory Therapy: Klotho Suppresses Activation of ER and Golgi Stress Response in Senescent Monocytes.	Species Human
"PA5-42884 was used in Western Blotting to provide evidence of klotho involvement in the crosstalk on the line ER-Golgi, which may, in turn, affect activation of SASP."	Dilution 1:1000
Authors: Mytych J, Soek P, Bdziska A, Rusinek K, Warzybok A, Tabcka-onczyska A, Koziorowski M	

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