

For Research Use Only

GLIS1 Recombinant monoclonal antibody

Catalog Number: 86902-1-RR



Basic Information

Catalog Number: 86902-1-RR	GenBank Accession Number: BC101799	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 148979	CloneNo.: 251891F5
Source: Rabbit	UNIPROT ID: Q8NBF1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: GLIS family zinc finger 1	
Immunogen Catalog Number: AG40019	Calculated MW: 620 aa, 66 kDa	
	Observed MW: 66 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293T cells, Jurkat cells
Species Specificity: human	

Background Information

GLIS1 is a nuclear zinc finger transcription factor that integrates developmental signaling and transcriptional control during neural and epithelial differentiation. It enhances cellular reprogramming efficiency and modulates pathways linked to Hedgehog and Wnt signaling. Dysregulated GLIS1 expression contributes to cardiac malformations, cancer progression, and stemness reactivation, highlighting its dual role in developmental regulation and disease pathogenesis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

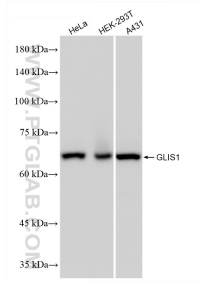
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

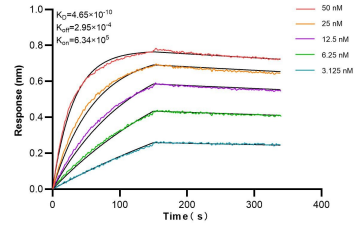
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86902-1-RR (GLIS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86902-1-RR against Human GLIS1 were performed. The affinity constant is 0.465 nM.