

For Research Use Only

GLIS1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86902-1-PBS



Basic Information

Catalog Number: 86902-1-PBS	GenBank Accession Number: BC101799	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 148979	CloneNo.: 251891F5
Source: Rabbit	UNIPROT ID: Q8NBF1	
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, Indirect ELISA

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

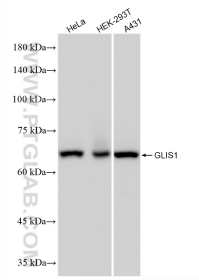
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

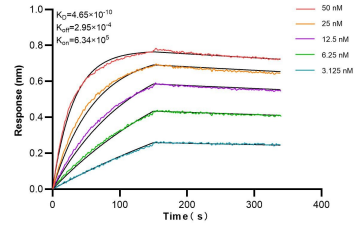
For technical support and original validation data for this product please contact:
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Selected Validation Data



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. This data was developed using the same antibody clone with 86902-1-PBS in a different storage buffer formulation.



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