

For Research Use Only

KLF11 Polyclonal antibody

Catalog Number: 34052-1-AP **1 Publications**



Basic Information

Catalog Number: 34052-1-AP	GenBank Accession Number: BC063286	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 8462	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: O14901	
Immunogen Catalog Number: AG40584	Full Name: Kruppel-like factor 11	
	Calculated MW: 55 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse embryo tissue,
Cited Applications: ChIP	
Species Specificity: human, mouse	
Cited Species: human	

Background Information

KLF11 (Krüppel-like factor 11) belongs to the zinc finger transcription factor family. Its C-terminus contains three tandem C2H2-type zinc finger domains responsible for sequence-specific DNA binding. It regulates transcription by binding to the GC box or CACCC element of target gene promoters, and in the pancreas, it negatively regulates insulin gene expression as a transcriptional repressor. Furthermore, KLF11 participates in cell cycle regulation, apoptosis, and fibrosis pathways, possesses tumor-suppressive functions.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaodan Liu	40859359	Arthritis Res Ther	ChIP

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

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

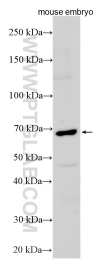
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34052-1-AP (KLF11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.