

For Research Use Only

ZNF768 Polyclonal antibody

Catalog Number:33035-1-AP



Basic Information

Catalog Number: 33035-1-AP	GenBank Accession Number: BC013760	Purification Method: Antigen affinity Purification
Concentration: 350 ug/ml	GeneID (NCBI): 79724	Recommended Dilutions: WB: 1:2000-1:12000
Source: Rabbit	UNIPROT ID: Q9H5H4	
Isotype: IgG	Full Name: zinc finger protein 768	
Immunogen Catalog Number: AG37794	Calculated MW: 60 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
Species Specificity: human	

Background Information

Zinc finger protein 768 (ZNF768) is a zinc finger protein that is crucial in linking oncogenic RAS signaling to cellular senescence and proliferation control. It is a transcription factor that associates with euchromatin and promoter regions of many genes in a cell type-specific manner. ZNF768 is required for cell growth and survival, and its depletion induces a strong proliferative and pro-apoptotic response in several cell lines in vitro. ZNF768 is also involved in regulating cell cycle effectors and p53 targets, with its overexpression sufficient to bypass RAS-induced senescence in a p53-dependent manner (PMID: 34404770; 35419475).

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:

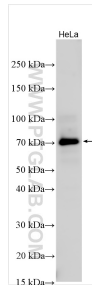
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Selected Validation Data



HeLa cells lysate was subjected to SDS PAGE followed by western blot with 33035-1-AP (ZNF768 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.