

For Research Use Only

ZNF768 Polyclonal antibody

Catalog Number:33035-1-AP



Basic Information

Catalog Number:

33035-1-AP

Size:

150ul , Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37794

GenBank Accession Number:

BC013760

GeneID (NCBI):

79724

UNIPROT ID:

Q9H5H4

Full Name:

zinc finger protein 768

Calculated MW:

60 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells,

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

***** 20ul sizes contain 0.1% BSA**

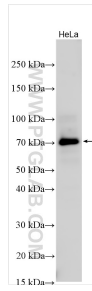
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.