

For Research Use Only

ZNF768 Polyclonal antibody, PBS Only

Catalog Number: 33035-1-PBS



Basic Information

Catalog Number:

33035-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

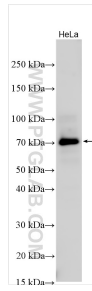
For technical support and original validation data for this product please contact:

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Selected Validation Data



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. This data was developed using the same antibody clone with 33035-1-PBS in a different storage buffer formulation.