

For Research Use Only

ZNF154 Polyclonal antibody

Catalog Number: 22161-1-AP



Basic Information

Catalog Number: 22161-1-AP	GenBank Accession Number: BC152404	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7710	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: zinc finger protein 154	
Isotype: IgG	Calculated MW: 437 aa, 50 kDa	
Immunogen Catalog Number: AG17812	Observed MW: 55-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COS-7 cells, A549 cells, HEK-293 cells, MCF-7 cells
Species Specificity: human, monkey	

Background Information

Sites that display recurrent, aberrant DNA methylation in cancer represent potential biomarkers for screening and diagnostics. Previously, The hypermethylation at the ZNF154 CpG island in 15 solid epithelial tumor types from 13 different organs. The magnitude and reproducibility of the ZNF154 hypermethylation signal across five solid tumor types reinforces the potential of this site as a biomarker for circulating tumor DNA (ctDNA)(PMID: 26857064). The calculated molecular weight of ZNF154 is 50 kDa, but the modified ZNF154 protein is about 55-60 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

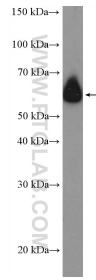
For technical support and original validation data for this product please contact:

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Selected Validation Data



COS-7 cells were subjected to SDS PAGE followed by western blot with 22161-1-AP (ZNF154 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.