

# ZNF154 Polyclonal antibody

Catalog Number: 22161-1-AP

## Basic Information

**Catalog Number:**

22161-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG17812

**GenBank Accession Number:**

BC152404

**GeneID (NCBI):**

7710

**UNIPROT ID:**

Q13106

**Full Name:**

zinc finger protein 154

**Calculated MW:**

437 aa, 50 kDa

**Observed MW:**

55-60 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, monkey

**Positive Controls:**

WB : COS-7 cells, A549 cells, HEK-293 cells, MCF-7 cells

## 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:**

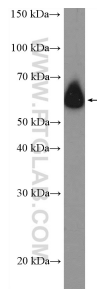
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.