

For Research Use Only

# ZNF354A Polyclonal antibody

Catalog Number: 14072-1-AP



## Basic Information

### Catalog Number:

14072-1-AP

### Size:

150ul , Concentration: 260 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5142

### GenBank Accession Number:

BC047105

### GeneID (NCBI):

6940

### UNIPROT ID:

O60765

### Full Name:

zinc finger protein 354A

### Calculated MW:

69 kDa

### Observed MW:

69 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : DU 145 cells,

## Background Information

ZNF354A, also called EZNF, KID-1 or TCF17, belongs to the Kruppel C2H2-type zinc-finger family of proteins that contain KRAB domains and act as transcriptional regulators. Expressed primarily in the adult kidney, ZNF354A is a transcriptional repressor that plays a role in late renal development and is suppressed after renal ischemia. The N-terminus of ZNF354A contains the KRAB domain which confers transcriptional repressor activity, while the C-terminus contains multiple Cys2His2-zinc fingers. ZNF354A is located in the nucleolus and is thought to specifically influence development of the proximal tubule by shutting off dispensable or inhibitory genes. Reduced ZNF354A expression prevents proper cell differentiation and may, therefore, be implicated in renal carcinoma.

## 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

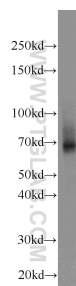
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## Selected Validation Data



DU 145 cells were subjected to SDS PAGE followed by western blot with 14072-1-AP (ZNF354A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.