

ZNF354A Polyclonal antibody

Catalog Number: 14072-1-AP

Basic Information

Catalog Number:

14072-1-AP

Size:

260 µg/ml

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:

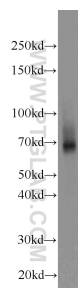
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.