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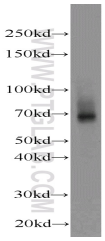
ZNF354A Polyclonal Antibody

Catalog number: 14072-1-AP
Size: 20 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
ZNF354A; EZNF, HKL1, KID 1, KID1, TCF 17, TCF17, Transcription factor 17, zinc finger protein 354A, Zinc finger protein eZNF, ZNF354A



DU 145 cells were subjected to SDS PAGE followed by western blot with 14072-1-AP(ZNF354A antibody) at dilution of 1:1000

Background

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.

Applications

Tested applications:	**ELISA, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated ZNF354A MW:	**69 kDa**
Observed ZNF354A MW:	**69 kDa**
Positive WB detected in	**DU 145 cells**
Recommended dilution:	**WB: 1:500-1:5000**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag5142**
GenBank accession number:	**BC047105**
Gene ID (NCBI):	**6940**
Full name:	**Zinc finger protein 354A**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**