ZNF354A Conjugated Antibody

Catalog No: #C43580

Package Size: #C43580-AF350 100ul #C43580-AF405 100ul #C43580-AF488 100ul #C43580-AF555 100ul #C43580-AF594 100ul #C43580-AF647 100ul #C43580-AF680 100ul #C43580-AF750 100ul #C43580-Biotin 100ul

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Description

Product Name	ZNF354A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZNF354A protein.
Immunogen Description	Fusion protein of human ZNF354A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EZNF;HKL1;KID1;KID-1;TCF17;HEL104
Accession No.	Swiss-Prot#:O60765NCBI Gene ID:6940NCBI Protein#:BC047105
Uniprot	O60765
GeneID	6940;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

ZNF354A, also called EZNF, KID-1 or TCF17, belongs to the KroΩ½oΩ½ppel 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.

Note: This product is for in vitro research use only