

DDX6 Conjugated Antibody

Catalog No: #C49789



Package Size: #C49789-AF350 100ul #C49789-AF405 100ul #C49789-AF488 100ul
 #C49789-AF555 100ul #C49789-AF594 100ul #C49789-AF647 100ul
 #C49789-AF680 100ul #C49789-AF750 100ul #C49789-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	DDX6 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ATP dependent RNA helicase DDX6 antibody ATP dependent RNA helicase p54 antibody DDX6 antibody DEAD (Asp Glu Ala Asp) box polypeptide 6 antibody DEAD box 6 antibody DEAD box protein 6 antibody DEAD/H (Asp Glu Ala Asp/His) box polypeptide 6 (RNA helicase 54kD) antibody FLJ36338 antibody HLR2 antibody Oncogene RCK antibody P54 antibody Probable ATP-dependent RNA helicase DDX6 antibody RCK antibody
Accession No.	Swiss-Prot#:P26196
Uniprot	P26196
GeneID	1656;
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
Calculated MW	54 kDa
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

RCK, also known as DDX6 and P54, is a member of the DEAD-box RNA helicase family of proteins, all of which share common protein motifs. Found in most tissues, RCK is an unwindase that exhibits ATP-dependent RNA un-winding activity, as well as the ability to decay RNA in the 5'-3' direction. In non-malignant cells, RCK is associated with all processes of normal RNA metabolism including splicing, export and translation initiation. Mutations in the gene encoding RCK can cause the protein to be overexpressed, changing its function to that of an oncogene that positively regulates the expression of genes involved in cell growth and proliferation. It is believed that, through its unwindase activity, the main function of RCK is to downregulate mRNA expression and maintain normal transcriptional levels within the cell.

Note: This product is for in vitro research use only