

## NEK8 Conjugated Antibody

Catalog No: #C32109



Package Size: #C32109-AF350 100ul #C32109-AF405 100ul #C32109-AF488 100ul  
 #C32109-AF555 100ul #C32109-AF594 100ul #C32109-AF647 100ul  
 #C32109-AF680 100ul #C32109-AF750 100ul #C32109-Biotin 100ul

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## Description

Product Name	NEK8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NEK8 protein.
Immunogen Description	Recombinant protein of human NEK8.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JCK;NPHP9;NEK12A
Accession No.	Swiss-Prot#:Q86SG6NCBI Gene ID:284086
Uniprot	Q86SG6
GeneID	284086;
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	75
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

## Product Description

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Antibodies were purified by affinity purification using immunogen.

## Background

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This gene encodes a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of *Aspergillus nidulans*. The encoded protein may play a role in cell cycle progression from G2 to M phase. Mutations in the related mouse gene are associated with a disease phenotype that closely parallels the juvenile autosomal recessive form of polycystic kidney disease in humans.

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Note: This product is for in vitro research use only