

CENPV Conjugated Antibody

Catalog No: #C37846



Package Size: #C37846-AF350 100ul #C37846-AF405 100ul #C37846-AF488 100ul

#C37846-AF555 100ul #C37846-AF594 100ul #C37846-AF647 100ul

#C37846-AF680 100ul #C37846-AF750 100ul #C37846-Biotin 100ul

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Description

Product Name	CENPV Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CENPV protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human centromere protein V
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	p30; PRR6; CENP-V; 3110013H01Rik
Accession No.	Swiss-Prot#:Q7Z7K6NCBI Gene ID:201161NCBI mRNA#:NCBI Protein#:NP_001177376/Q06190
Uniprot	Q7Z7K6
GeneID	201161;
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	30
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

CENPV orthologs were detected in a range of species, including plants, but the proline-rich region was detected only in primates, rodents, birds, and amphibians, and long proline stretches were found only in primates. Northern blot analysis showed ubiquitous Cenpv expression in mouse tissues, with highest expression in testis, followed by small intestine, brain, and kidney. Immunofluorescence microscopy of mouse fibroblasts revealed colocalization of Cenpv with stabilized cytoplasmic microtubules. Western blot analysis of Ramos B cells detected CENPV at an apparent molecular mass of 40 kD.

Note: This product is for in vitro research use only