

CENPV antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14885

Product Information

Application	WB
Primary Accession	Q7Z7K6
Other Accession	NM_181716 , NP_859067
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29946

Additional Information

Gene ID	201161
Alias Symbol	3110013H01Rik, CENP-V, PRR6, p30
Other Names	Centromere protein V, CENP-V, Nuclear protein p30, Proline-rich protein 6, CENPV, PRR6
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CENPV antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CENPV antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

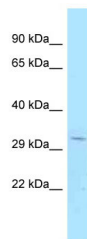
Name	CENPV
Synonyms	PRR6
Function	Required for distribution of pericentromeric heterochromatin in interphase nuclei and for centromere formation and organization, chromosome alignment and cytokinesis.
Cellular Location	Chromosome, centromere, kinetochore. Nucleus Cytoplasm, cytoskeleton, spindle Note=Enriched at the nuclear periphery and around the nucleolus (PubMed:12196509). In mitotic cells, localizes to kinetochores from prometaphase to metaphase (PubMed:18772885). At anaphase onset,

transfers to the spindle midzone and then to the mid-body in telophase and cytokinesis (PubMed:18772885)

References

Zheng H.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
Cronshaw J.M.,et al.J. Cell Biol. 158:915-927(2002).
Tadeu A.M.B.,et al.EMBO J. 27:2510-2522(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Images



WB Suggested Anti-CENPV Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.