

Rabbit CENPM Polyclonal Antibody | anti-CENPM antibody

CENPM antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199691	Rabbit	Cow, Dog, Horse, Human, Pig, Rabbit	Western Blot, Immunofluorescence

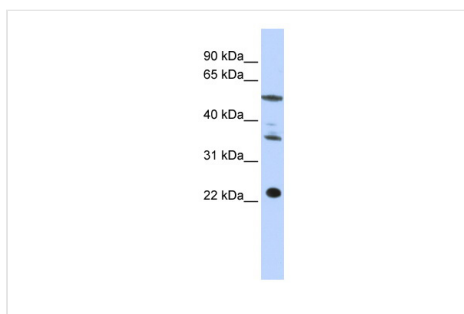
PRODUCT SYNONYMS

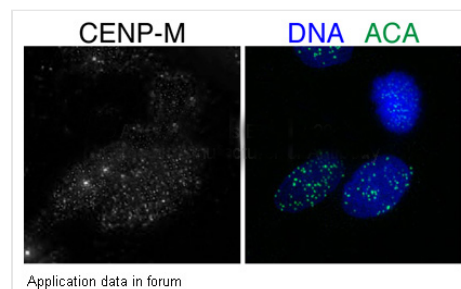
CENPM; Polyclonal Antibody; CENPM antibody - middle region; anti-CENPM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CD LEVEGFRATM AQLRVRLQI CAGHVPGVSA LNLLSLLRSS EGPSLEDL
Sequence Length	180
Applicable Applications for anti-CENPM antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 79%; Dog: 79%; Horse: 93%; Human: 100%; Pig: 93%; Rabbit: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CENPM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CENPM Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

IF (Immunofluorescence)

Sample Type : DNA/ACA

ADDITIONAL INFORMATION

Related Product Information for anti-CENPM antibody	This is a rabbit polyclonal antibody against CENPM. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA replaces histone H3. CENPM is an additional factor required for centromere assembly. The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPM is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]).[supplied by OMIM].
Product Categories/Family for anti-CENPM antibody	Polyclonal; Chromatin & Nuclear Signaling; Epigenetics; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129022
NCBI GeneID	79019
NCBI Accession #	NP_076958
NCBI GenBank Nucleotide #	NM_024053
UniProt Accession #	Q9NSP4
Molecular Weight	20kDa
NCBI Official Full Name	centromere protein M isoform a
NCBI Official Synonym Full Names	centromere protein M
NCBI Official Symbol	CENPM
NCBI Official Synonym Symbols	PANE1; CENP-M; C22orf18
NCBI Protein Information	centromere protein M
UniProt Protein Name	Centromere protein M
UniProt Gene Name	CENPM
UniProt Synonym Gene Names	C22orf18; ICEN39; PANE1; CENP-M
UniProt Entry Name	CENPM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.