

[Go to Product page](#)

Datasheet for ABIN184826

anti-CENPE antibody (C-Term)

Overview

Quantity:	100 µg
Target:	CENPE
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CENPE antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Centromere protein E
Immunogen:	Peptide with sequence HASSGKDVPECKTQ, from the C Terminus of the protein sequence according to NP_001804.2.
Sequence:	HASSGKDVPE CKTQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	CENPE
Alternative Name:	CENPE (CENPE Products)
Background:	CENPE, CENP-E, centromere protein E (312kD), Centromere autoantigen E (312kD), centromere protein E, 312 kDa, KIF10, centromere protein E, kinesin family member 10
Gene ID:	1062
NCBI Accession:	NP_001804
Pathways:	M Phase, Maintenance of Protein Location

Application Details

Application Notes:	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the predicted size of approx. 316 kDa according to NP_001804. Therefore we cannot recommend an optimal concentration and the product. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.