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Datasheet for ABIN2613410 anti-CENPE antibody (AA 2363-2374)

Overview

Quantity:	100 µg
Target:	CENPE
Binding Specificity:	AA 2363-2374
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CENPE antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	CENPE (aa2363-2374)
Sequence:	TQDNKNPHVT SR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001804.2, NP_001273663.1).
Cross-Reactivity:	Human
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, centromere protein E, 312 kDa, CENP-E, KIF10, PPP1R61, Centromere autoantigen E (312kD), centromere-associated protein E, kinesin family member 10, kinesin-related protein CENPE, protein phosphatase 1, regulatory subunit 61
Gene ID:	1062
NCBI Accession:	NP_001804 , NP_001273663
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 calculated size of 316 kDa according to NP_001804.2. Therefore we cannot recommend an optimal concentration and the antibody i Peptide ELISA: antibody detection limit dilution 1:128000.
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.