

Goat anti-Centromere protein E (aa2593-2604) Antibody

Item Number	dAP-3237
Target Molecule	Principle Name: Centromere protein E (aa2593-2604); Official Symbol: CENPE; All Names and Symbols: CENPE; centromere protein E, 312kDa; 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; Accession Number (s): NP_001804.2; NP_001273663.1; Human Gene ID (s): 1062; Non-Human GeneID(s):
Immunogen	KREAHKQVTCEN, is from internal region This antibody is expected to recognize both reported isoforms (NP_001804.2; NP_001273663.1).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 316kDa according to NP_001804.2. Therefore we cannot recommend an optimal concentration and the antibody i
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Reference	Reference(s): Sardar HS, Gilbert SP. Microtubule capture by mitotic kinesin centromere protein E (CENP-E). The Journal of biological chemistry 2012 Jul 287 (30): 24894-904..PMID: 22637578->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**