

## Goat anti-Centromere protein E Antibody

<b>Item Number</b>	dAP-0578
<b>Target Molecule</b>	Principle Name: Centromere protein E; Official Symbol: CENPE; All Names and Symbols: CENPE; CENP-E; centromere protein E (312kD); Centromere autoantigen E (312kD); centromere protein E, 312kDa; KIF10; centromere protein E; kinesin family member 10; Accession Number (s): NP_001804.2; Human Gene ID(s): 1062; Non-Human GeneID(s):
<b>Immunogen</b>	HASSGKDVPECKTQ, is from C Terminus
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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. 316kDa according to NP_001804. Therefore we cannot recommend an optimal concentration and the produ
<b>IHC</b>	
<b>Reference</b>	Reference(s): Yen TJ, Compton DA, Wise D, Zinkowski RP, Brinkley BR, Earnshaw WC, Cleveland DW. CENP-E, a novel human centromere-associated protein required for progression from metaphase to anaphase. EMBO J. 1991 May;10(5):1245-54..PMID: 2022189 ->

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**