



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12681 - Goat Anti-Centromere protein E (aa2593-2604) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** CENPE

**Accession Number(s):** NP\_001804.2; NP\_001273663.1

**Human GeneID(s):** [1062](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001804.2; NP\_001273663.1).

### Immunogen

Peptide with sequence KREAHKQVTCEN, from the internal region of the protein sequence according to NP\_001804.2; NP\_001273663.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**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 is an aspiring product. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human