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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