EB05563 - Goat Anti-CAPE Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

Principal Names: SMC2, structural maintenance of chromosomes 2, PRO0324, CAP-E, CAPE, FLJ10093, SMC2L1, hCAP-E, OTTHUMP00000021818, OTTHUMP00000021819, SMC protein 2, SMC-2, SMC2 (structural maintenance of chromosomes 2, yeast)-like 1, SMC2 structural maintenance of chromosomes 2-like 1, XCAP-E homolog, chromosome-associated protein E, structural maintenance of chromosomes (SMC) family member, chromosome-associated protein E, structural maintenance of chromosomes protein 2
Official Symbol: SMC2
Accession Number(s): NP_006435.2
Human GeneID(s): 10592
Important Comments: Reported variants NP_006435.2, NP_001036015.1 and NP_001036016.1 represent identical protein

Immunogen

Peptide with sequence C-SKAKPPKGAHVEV, from the C Terminus of the protein sequence according to NP_006435.2.

Please note the peptide is available for sale.

Purification and Storage

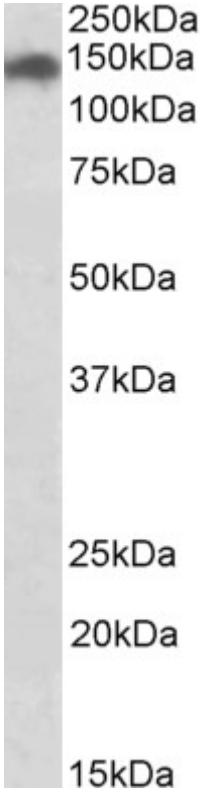
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 140kDa band observed in lysates of cell line HeLa (calculated MW of 136kDa according to NP_006435.2). Recommended concentration: 0.2-0.6µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB05563 (0.2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.