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EB05622 - Goat Anti-Centromere protein F / mitosin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CENPF, centromere protein F (350/400kD, mitosin), CENF, PRO1779, mitosin, AH antigen, CENP-F kinetochore protein, centromere protein F (400kD), cell-cycle-dependent 350K nuclear protein, centromere protein F, 350/400ka (mitosin), RP11-262H5.1, hcp-1, centromere protein F, mitosin Official Symbol: CENPF Accession Number(s): AAA82889.1; AAA82935.1; AAA86889.1 Human GenelD(s): <u>1063</u> Important Comments: The immunizing peptide shows one mismatch with the corresponding sequence of the NCBI-curated isoform NP_057427.3.

Immunogen

Peptide with sequence GLESKGSENCKVQ, from the C Terminus of the protein sequence according to AAA82889.1; AAA82935.1; AAA86889.1.

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.

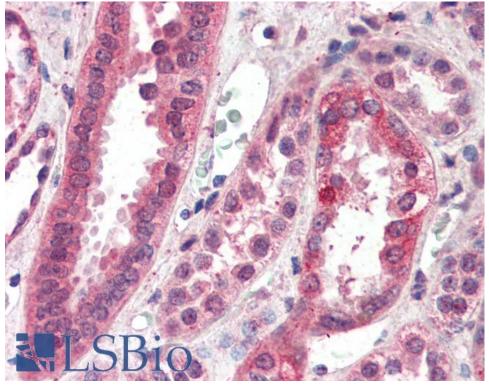
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.
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. 358kDa according to NP_057427. Therefore we cannot recommend an optimal concentration.
IHC: Paraffin embedded Human Kidney. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Cow



EB05622 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.