

## Goat anti-Centromere protein F / mitosin Antibody

Item Number	dAP-0583
Target Molecule	Principle Name: Centromere protein F / mitosin; Official Symbol: CENPF; All Names and Symbols: 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; cent; Accession Number (s): AAA82889.1; AAA82935.1; AAA86889.1; Human Gene ID(s): 1063; Non-Human GenelD(s):
Immunogen	GLESKGSENCKVQ, is from C Terminus The immunizing peptide shows one mismatch with the corresponding sequence of the NCBI-curated isoform NP_057427.3.
Applications	Pep ELISA  Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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 and the prod
IHC	
Reference	Reference(s): Liao H, Winkfein RJ, Mack G, Rattner JB, Yen TJ. CENP-F is a protein of the nuclear matrix that assembles onto kinetochores at late G2 and is rapidly degraded after mitosis. J Cell Biol. 1995 Aug;130(3):507-18.. PMID: 7542657 ->

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 end users! This product is sold for **Research Use Only**