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Datasheet

Date : 2015/3/4

Catalog Number	GTX103379 Package:100 µl
Product Name	HEC1 antibody [N3C3]
Full Name	NDC80 homolog, kinetochore complex component (S. cerevisiae)
Synonyms	HEC antibody, HEC1 antibody, KNTC2 antibody, TID3 antibody, hsNDC80 antibody, NDC80 antibody, kinetochore protein NDC80 homolog antibody, "highly expressed in cancer, rich in leucine heptad repeats antibody", kinetochore protein Hec1 antibody, "NDC80 homolog, kinetochore complex component antibody", kinetochore associated 2 antibody, highly expressed in cancer protein antibody, retinoblastoma-associated protein HEC antibody, kinetochore-associated protein 2 antibody, "NDC80 homolog, kinetochore complex component (S. cerevisiae) antibody"
Product Description	Rabbit Polyclonal antibody to HEC1 (NDC80 homolog, kinetochore complex component (S. cerevisiae))
Background	HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.[supplied by OMIM]
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Immunogen	Recombinant fragment corresponding to a region within amino acids 308 and 621 of HEC1 (Uniprot ID#O14777)
Antigen Species	Human
Predicted Cross Reactivity species	Human, Rhesus Monkey
Predict Reactivity Note	Human (100%), Rhesus Monkey (100%)
Applications	WB-Ag
Application Note	Antibody reactive against recombinant protein, detects immunogen. Further validation in progress.
Positive Controls	Target recombinant protein
Predicted Target Size	74 kDa
Cellular Localization	Nucleus , Kinetochore
Form Supplied	Liquid
Purification	Purified by antigen-affinity chromatography.
Concentration	1 mg/ml
Storage Buffer	1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage Instruction	Keep as concentrated solution. Aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Notes	For *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
ResearchArea	Cancer > Cell cycle > Cell division Cell Biology > Cell cycle