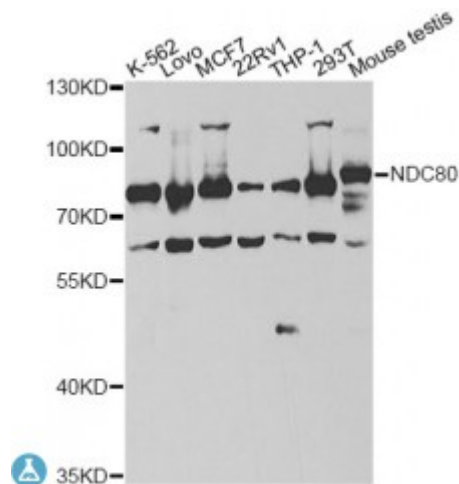


Anti-NDC80 Antibody



Description

This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation.

Model	STJ116037
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 343-642 of human NDC80 (NP_006092.1).
Gene ID	10403
Gene Symbol	NDC80
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Kinetochore protein NDC80 homolog Highly expressed in cancer protein Kinetochore protein Hec1 HsHec1 Kinetochore-associated protein 2 Retinoblastoma-associated protein HEC
Molecular Weight	73.913 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16909OMIM:607272Reactome:R-HSA-141444
Alternative Names	Kinetochores protein NDC80 homolog Highly expressed in cancer protein Kinetochores protein Hec1 HsHec1 Kinetochores-associated protein 2 Retinoblastoma-associated protein HEC
Function	Acts as a component of the essential kinetochores-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity ,
Cellular Localization	Nucleus, Chromosome, centromere, kinetochores,
Post-translational Modifications	Phosphorylation begins in S phase of the cell cycle and peaks in mitosis, Phosphorylated by NEK2, May also be phosphorylated by AURKA and AURKB,

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