

Anti-HEC1 / NDC80 Antibody (C-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18464**Specification**

Anti-HEC1 / NDC80 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P, FC
Primary Accession	O14777
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73913

Anti-HEC1 / NDC80 Antibody (C-Terminus) - Additional Information**Gene ID** 10403**Alias Symbol** **NDC80****Other Names**

NDC80, HEC1, Kinetochore protein Hec1, Kinetochore associated 2, HEC, HsHec1, HsNDC80, KNTC2, TID3

Target/Specificity

Endogenous levels of human HEC1.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-HEC1 / NDC80 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HEC1 / NDC80 Antibody (C-Terminus) - Protein Information**Name** NDC80**Synonyms** HEC, HEC1, KNTC2**Function**

Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:12351790, PubMed:14654001, PubMed:14699129, PubMed:15062103, PubMed:15235793, PubMed:15239953, PubMed:15548592, PubMed:15548592, PubMed:15548592)

[16732327](http://www.uniprot.org/citations/16732327), PubMed: [30409912](http://www.uniprot.org/citations/30409912), PubMed: [9315664](http://www.uniprot.org/citations/9315664)). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore (PubMed: [15548592](http://www.uniprot.org/citations/15548592), PubMed: [30409912](http://www.uniprot.org/citations/30409912)). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed: [23085020](http://www.uniprot.org/citations/23085020)). Plays a role in chromosome congression and is essential for the end-on attachment of the kinetochores to spindle microtubules (PubMed: [23891108](http://www.uniprot.org/citations/23891108), PubMed: [25743205](http://www.uniprot.org/citations/25743205)).

Cellular Location

Nucleus. Chromosome, centromere, kinetochore. Note=Localizes to kinetochores from late prophase to anaphase (PubMed:14699129) Localizes specifically to the outer plate of the kinetochore (PubMed:14699129).

Anti-HEC1 / NDC80 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HEC1 / NDC80 Antibody (C-Terminus) - Images