

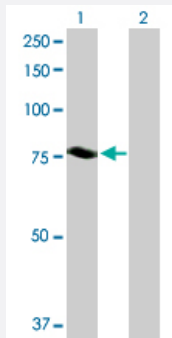
MaxPab®

NDC80 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010403-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NDC80 expression in transfected 293T cell line ([H00010403-T02](#)) by NDC80 MaxPab polyclonal antibody.

Lane 1: NDC80 transfected lysate(73.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NDC80 protein.

Immunogen

NDC80 (NP_006092.1, 1 a.a. ~ 642 a.a) full-length human protein.

Sequence

MKRSSVSSGGAGRLSMQELRSQDVNKQGLYTPQTKEKPTFGKLSINKPTSERKVSLFGKRTSGH
GSRNSQLGIFSSSEKIKDPRPLNDKAFIQQCIRQLCEFLTENGYAHNVSMKSLQAPSVKDFLKIFTF
LYGFLCPSYELPDTKFEEVPRIFKDLGYPFALSKSSMYTVGAPHTWPHIVAALVWLIDCKIHTAM
KESSPLFDDGQPWGEETEDGIMHNKLFIDYTIKCYESFMSGADSFDEMNAELQSKLKDLFNVDA
FKLESLEAKNRALNEQIARLEQEREKEPNRLESLRKLKASLQGDVQKYQAYMSNLESHSAILDQK
LNLNNEEVARVELECETIKQENTRLQNIIDNQKYSVADIERINHERNELQQTINKLTKDLEAEQQKLW
NEELKYARGKEAIETQLAEYHKLARKLKLIPKGAENSKGYDFEIKFNPEAGANCLVKYRAQVYVPL
KELLNETEEEINKALNKKMGLEDTLEQLNAMITESKRSVRTLKEEVQKLDLDLYQQKIKEAEEDEK
CASELESLEKHKHLLSTVNQGLSEAMNELDAVQREYQLVVQTTEERRKVGNNLQRLLEMVAT
HVGSVKEHLEEQIAKVDREYEECMSEDLSENKEIRDKEYEKKATLIKSSSE

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83); Rat (84)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NDC80

Entrez GeneID	10403
GeneBank Accession#	NM_006101
Protein Accession#	NP_006092.1
Gene Name	NDC80
Gene Alias	HEC, HEC1, KNTC2, TID3, hsNDC80
Gene Description	NDC80 homolog, kinetochore complex component (S. cerevisiae)
Omim ID	607272
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	highly expressed in cancer, rich in leucine heptad repeats kinetochore associated 2

Disease

- [Kidney Failure](#)