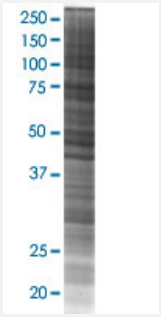
KNTC2 293T Cell Transient Overexpression Lysate(Denatured)

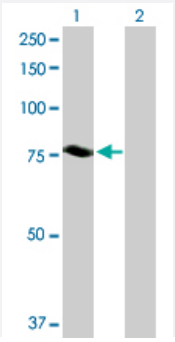
Catalog # H00010403-T02 Size 100 uL

Applications



SDS-PAGE Gel

NDC80 transfected lysate.



Western Blot

Lane 1: NDC80 transfected lysate (73.90 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KNTC2 full-length
Host	Human
Theoretical MW (kDa)	73.9
Interspecies Antigen Sequence	Mouse (83); Rat (84)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-KNTC2 antibody (H00010403-D01P) by W estern Blots. SDS-PAGE Gel NDC80 transfected lysate. Western Blot Lane 1: NDC80 transfected lysate (73.90 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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 mechan ism assures correct segregation of chromosomes during cell division by detecting unaligned chro mosomes 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