

Rabbit anti-Human, Mouse KNTC2 Polyclonal Antibody | anti-KNTC2 antibody

KNTC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305690	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

PRODUCT SYNONYMS

KNTC2; Polyclonal Antibody; KNTC2 Antibody; HEC1; HEC; Highly expressed in cancer; rich in leucine heptad repeats; anti-KNTC2 antibody

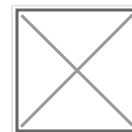
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KNTC2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	642
Applicable Applications for anti-KNTC2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KNTC2.
Target Name	KNTC2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HUVEC cells, using KNTC2 antibody.


WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using KNTC2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KNTC2 antibody	Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore.Chen Y., Mol. Cell. Biol. 17:6049-6056(1997).The MGC Project Team, Genome Res. 14:2121-2127(2004).Zheng L., Mol. Cell. Biol. 19:5417-5428(1999).
Product Categories/Family for anti-KNTC2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174457
NCBI GeneID	10403
NCBI Accession #	NP_006092.1
NCBI GenBank Nucleotide #	NM_006101.2
UniProt Accession #	O14777; Q6PJX2
Molecular Weight	73,913 Da
NCBI Official Full Name	kinetochore protein NDC80 homolog
NCBI Official Synonym Full Names	NDC80 kinetochore complex component
NCBI Official Symbol	NDC80
NCBI Official Synonym Symbols	HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80
NCBI Protein Information	kinetochore protein NDC80 homolog
UniProt Protein Name	Kinetochore protein NDC80 homolog
UniProt Gene Name	NDC80
UniProt Synonym Gene Names	HEC; HEC1; KNTC2; HsHec1
UniProt Entry Name	NDC80_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kntc2-antibody-immunofluorescence-western-blot-elisa/305690>