

Datasheet

KIAA0056 monoclonal antibody (M01), clone 1D5

Catalog Number: H00023310-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant KIAA0056.

Clone Name: 1D5

Immunogen: KIAA0056 (AAH11408.1, 1 a.a. ~ 341 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRSKPKDLLMEEDDMALANVVMQEAQKKLISQVQK
RNFENIPIIISLKTVLEKNKIPALRELMHYLREVMQDYR
DELKDFFAVDKQLASELEYDMKKYQEQLVQEQLAKH
ADVAGTAGGAEVAPVAQVALCLETVPVPAGQENPAM
SPAVSQPCTPRASAGHVAVSSPTPETGPLQRLLPKAR
PMSLSTAILNSVKKAVESKSRHRSRSLGVLPTLNSG
SPEKTCSQVSSYSLEQESNGEIEHVTKRAI

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 23310

Gene Symbol: NCAPD3

Gene Alias: CAP-D3, FLJ42888, KIAA0056, MGC104671, hCAP-D3, hHCP-6, hcp-6

Gene Summary: Condensin complexes I and II play essential roles in mitotic chromosome assembly and segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPD3 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).[supplied by OMIM]