



Mouse anti-Human KNTC1 monoclonal antibody, clone 21I5 (CABT-B10534)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KNTC1 (NP_055523, 2100 a.a. ~ 2210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	21I5
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	DPQVILKQLEEhMNTGQLAGFSHQIRSLILNNIINKKEFGILAKTKYFQMLKMHAMNTNN ITELVNYLANDLSLDEASVLITEYSKHCGKPVPPDTAPCEILKMFLSGLS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. Experimental evidence indicated that the
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encoded protein functioned in a similar manner to that of the Drosophila rough deal protein.
[provided by RefSeq, Jul 2008]

Keywords	KNTC1; kinetochore associated 1; ROD; kinetochore-associated protein 1; Rough Deal homolog, centromere/kinetochore protein;
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GENE INFORMATION

Entrez Gene ID	9735
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UniProt ID	P50748
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Pathway	Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem
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Function	protein binding
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