



Mouse anti-Human CNOT6 monoclonal antibody, clone 5B4 (CABT-B9999)

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

PRODUCT INFORMATION

Immunogen	CNOT6 (NP_056270, 112 a.a. ~ 211 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	5B4
Conjugate	Unconjugated
Applications	ELISA
Sequence Similarities	LPFELGKLFQLQTLGLKGNPLTQDILNLYQEPDGTRRLNYLLDNLSGTAKRITTEQPPP RSWIMLQEPDRTRPTALFSVMCYNVLCDKYATRQLYGYC*
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 the catalytic component of the CCR4-NOT core transcriptional regulation complex. The encoded protein has a 3'-5' RNase activity and prefers polyadenylated substrates.
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The CCR4-NOT complex plays a role in many cellular processes, including miRNA-mediated repression, mRNA degradation, and transcriptional regulation. [provided by RefSeq, Dec 2014]

Keywords	CNOT6; CCR4-NOT transcription complex, subunit 6; CCR4; Ccr4a; CCR4-NOT transcription complex subunit 6; cytoplasmic deadenylase; carbon catabolite repression 4 protein; carbon catabolite repressor protein 4 homolog;
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GENE INFORMATION

Entrez Gene ID	57472
UniProt ID	Q9ULM6
Pathway	Deadenylation of mRNA, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Metabolism of RNA, organism-specific biosystem; Metabolism of mRNA, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem
Function	RNA binding; exonuclease activity; hydrolase activity; metal ion binding; protein binding
