



Mouse anti-Human CNOT2 monoclonal antibody, clone 4G2 (CABT-B9997)

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

PRODUCT INFORMATION

Immunogen	CNOT2 (NP_055330, 441 a.a. ~ 541 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	4G2
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	EDLLFYLYYMNGGDLQLLAAVELFNRDWRYHKEERVWITRAPGMEPTMKTNTYERGTYY FFDCLNWRKVAKEFHLEYDKLEERPHLPSTFNYNPAQQAF*
Format	Liquid
Size	50 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 subunit of the multi-component CCR4-NOT complex. The CCR4-NOT complex regulates mRNA synthesis and degradation and is also thought to be involved in
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mRNA splicing, transport and localization. The encoded protein interacts with histone deacetylases and functions as a repressor of polymerase II transcription. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]

Keywords	CNOT2; CCR4-NOT transcription complex, subunit 2; NOT2; CDC36; NOT2H; HSPC131; CCR4-NOT transcription complex subunit 2; CCR4-associated factor 2; negative regulator of transcription 2;
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GENE INFORMATION

Entrez Gene ID	4848
UniProt ID	Q9NZN8
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 polymerase II transcription cofactor activity; protein binding
