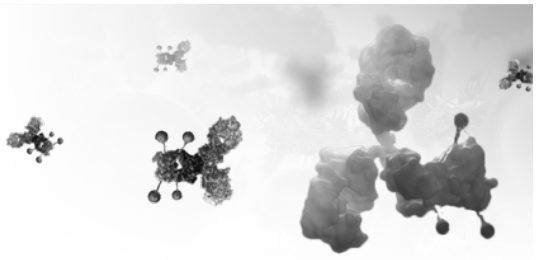

Mouse anti-Human CNOT7 monoclonal antibody, clone 3G7 (CABT-B10000)

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

PRODUCT INFORMATION

Immunogen	CNOT7 (AAH60852, 1 a.a. ~ 286 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3G7
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNYVAMDTEFPGVVARPIGEFRSNADY QYQLLRCNVDLLKIIQLGLTFMNEQGEYPPGTSTWQFNFKFNLTEDMYAQDSIELLTTSG IQFKKHEEEGIETQYFAELLMTSGVVLCEGVKWLSFHSGYDFGYLIKILTNSNLPEEELD FFEILRLFFPVIYDVKYLMKSCKNLKGGLQEVAEQLELERIGPQHQAGSDSLLTGMAFFK MREMFFEDHIDDAKY
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

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Introduction	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The encoded protein downregulates the innate immune response and therefore provides a therapeutic target for enhancing its antimicrobial activity against foreign agents. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]
Keywords	CNOT7; CCR4-NOT transcription complex, subunit 7; CAF1; Caf1a; hCAF-1; CCR4-NOT transcription complex subunit 7; CAF-1; BTG1 binding factor 1; BTG1-binding factor 1; CCR4-associated factor 1; carbon catabolite repressor protein (CCR4)-associative factor 1;

GENE INFORMATION

Entrez Gene ID	29883
UniProt ID	Q9UIV1
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	nucleic acid binding; protein binding; sequence-specific DNA binding transcription factor activity; signal transducer activity

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