



Anti-CNOT7 (aa 1-100) polyclonal antibody (DPAB-DC1516)

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

PRODUCT INFORMATION

Antigen Description	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 protein has both mouse and yeast orthologs. Alternate splicing of this gene results in two transcript variants encoding different isoforms.
Immunogen	CNOT7 (NP_037486, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MKKIRQVIRKYNVAMDTEFFPGVVARPIGEFRSNADYQYQLLRCNVDLKIIQLGLTFMN EQGEYPPGTSTWQFNFKFNLTEDMYAQDSIELLTTSGIQF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CNOT7 CCR4-NOT transcription complex, subunit 7 [Homo sapiens (human)]
Official Symbol	CNOT7
Synonyms	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;
Entrez Gene ID	29883
Protein Refseq	NP_037486
UniProt ID	Q9UIV1
Chromosome Location	8p22-p21.3
Pathway	Deadenylation of mRNA; Gene Expression; RNA degradation.
Function	3'-5'-exoribonuclease activity; RNA binding; exoribonuclease activity; metal ion binding
