

CNOT7 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02037
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CNOT7. AA range:10-59
Mol wt	32745
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CNOT7 Antibody
Synonyms	CNOT7; CAF1; CCR4-NOT transcription complex subunit 7; BTG1-binding factor 1; CCR4-associated factor 1; CAF-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CCR4-NOT transcription complex subunit 7 encoded by CNOT7 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. Alternative splicing of CNOT7 results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and X.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

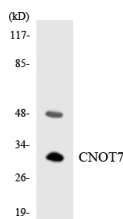
ELISA: 1: 20000

Not yet tested in other applications.

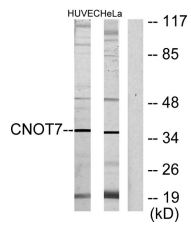
Images



Western Blot analysis of various cells using CNOT7 Polyclonal Antibody cells nucleus.



Western blot analysis of the lysates from HUVEC cells using CNOT7 antibody.



Western blot analysis of lysates from HeLa and HUVEC cells, using CNOT7 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com