

CNOT7 Antibody

Catalog No: #34108

Package Size: #34108-1 50ul #34108-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

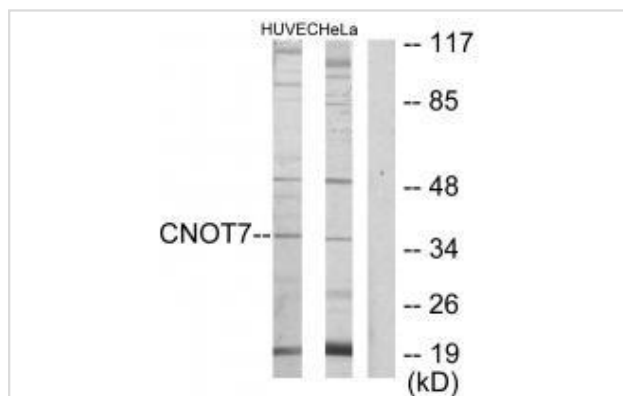
Description

Product Name	CNOT7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CNOT7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human CNOT7.
Target Name	CNOT7
Other Names	BTG1 binding factor 1; BTG1-binding factor 1; CCR4-NOT transcription complex; 7; CCR4-associated factor 1
Accession No.	Swiss-Prot: Q9UIV1NCBI Gene ID: 29883
Uniprot	Q9UIV1
GeneID	29883;
SDS-PAGE MW	36kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HUVEC cells and HeLa cells, using CNOT7 antibody #34108.

Background

Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its function seems to be partially redundant with that of CNOT8. Catalytic component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. During miRNA-mediated repression the complex seems also to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity.

Bogdan J.A., Biochem. J. 336:471-481(1998).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only