

CNOT7 Polyclonal Antibody

Catalog number: 14102-1-AP

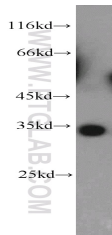
Size: 20 µg/150 µl

Source: Rabbit

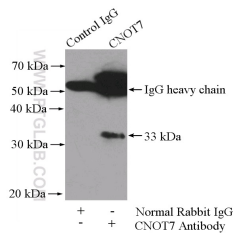
Isotype: IgG

Synonyms:

CNOT7; BTG1 binding factor 1, CAF 1, CAF1, CCR4 associated factor 1, CNOT7, hCAF 1



mouse testis tissue were subjected to SDS PAGE followed by western blot with 14102-1-AP(CNOT7 antibody) at dilution of 1:500



IP Result of anti-CNOT7 (IP:14102-1-AP, 4µg; Detection:14102-1-AP 1:300) with mouse testis tissue lysate 4800µg.

Background

Cnot7, Ccr4-Not complex 7, is a component of CCR4-NOT complex and known to be a transcription factor and a modulator of mRNA degradation in yeast. Mammalian Cnot7 interacts with Tob and its family members, which is known as an inhibitor of BMP signaling through interfering with the Smad system and is involved in bone metabolism [PMID:17451368]. It is one of at least 8 subunits that make up the CCR4-Not transcription complex, which is involved in negative regulation of the pol II directed transcription in yeast²⁴ and may be involved in global gene regulation by modulation of TATAA-binding protein (TBP) activity [PMID:10880468].

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated CNOT7 MW:	285aa,33 kDa
Observed CNOT7 MW:	33-35 kDa
Positive WB detected in	Mouse testis tissue
Positive IP detected in	Mouse testis tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5235
GenBank accession number:	BC060852
Gene ID (NCBI):	29883
Full name:	CCR4-NOT transcription complex, subunit 7

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.