

## CNOT2 Polyclonal Antibody

Catalog number: 10313-1-AP

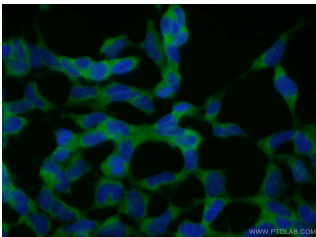
Size: 20 µg/150 µl

Source: Rabbit

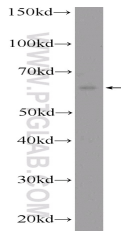
Isotype: IgG

Synonyms:

CNOT2; CCR4 associated factor 2, CDC36, CNOT2, FLJ26456, HSPC131, MSTP046, NOT2, NOT2H



Immunofluorescent analysis of ( 10% Formaldehyde ) fixed HEK-293 cells using 10313-1-AP( CNOT2 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10313-1-AP( CNOT2 Antibody) at dilution of 1:300

### Background

The Ccr4–Not complex is evolutionarily conserved and controls gene expression both at the level of transcription initiation and of mRNA degradation. And this complex can regulate pol II transcription. Promoter targeting of CCR4-NOT transcription complex subunit 2 (CNOT2) results in strong repression of pol II transcription. CNOT2-mediated repression is sensitive to the HDAC (histone deacetylase) inhibitor, TSA (trichostatin A).

### Applications

Tested applications:	ELISA, WB, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated CNOT2 MW:	60 kDa
Observed CNOT2 MW:	60 kDa
Positive WB detected in	HEK-293 cells
Positive IF detected in	HEK-293 cells
Recommended dilution:	WB: 1:200-1:1000 IF: 1:50-1:500

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

### Immunogen information

Immunogen:	Ag0347
GenBank accession number:	BC002597
Gene ID (NCBI):	4848
Full name:	CCR4-NOT transcription complex, subunit 2

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.