

CNOT2 rabbit pAb**Cat#: orb769279 (Manual)**

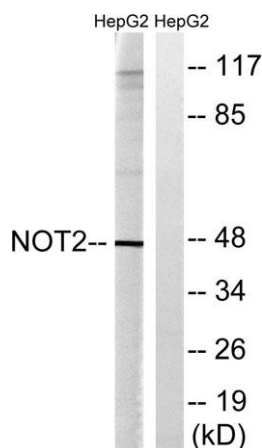
For research use only. Not intended for diagnostic use.

Product Name	CNOT2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CNOT2. AA range:67-116
Specificity	CNOT2 Polyclonal Antibody detects endogenous levels of CNOT2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CCR4-NOT transcription complex subunit 2
Gene Name	CNOT2
Cellular localization	Cytoplasm . Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

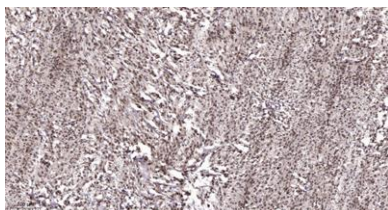
Concentration	1 mg/ml
Observed band	46kD
Human Gene ID	4848
Human Swiss-Prot Number	Q9NZN8
Alternative Names	CNOT2; CDC36; NOT2; HSPC131; MSTP046; CCR4-NOT transcription complex subunit 2; CCR4-associated factor 2

Background

CCR4-NOT transcription complex subunit 2(CNOT2) Homo sapiens
This gene encodes a subunit of the multi-component CCR4-NOT complex. The CCR4-NOT complex regulates mRNA synthesis and degradation and is also thought to be involved in mRNA splicing, transport and localization. The encoded protein interacts with histone deacetylases and functions as a repressor of polymerase II transcription. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010],



Western blot analysis of lysates from HepG2 cells, treated with starved 24h, using CNOT2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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