

CNOT4 / CLONE243 Antibody (aa50-100)
Rabbit Polyclonal Antibody
Catalog # ALS15243**Specification**

CNOT4 / CLONE243 Antibody (aa50-100) - Product Information

Application	WB, IHC
Primary Accession	O95628
Reactivity	Human, Mouse, Rat, Chicken, Xenopus, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

CNOT4 / CLONE243 Antibody (aa50-100) - Additional Information**Gene ID** 4850**Other Names**

CCR4-NOT transcription complex subunit 4, 6.3.2.-, CCR4-associated factor 4, E3 ubiquitin-protein ligase CNOT4, Potential transcriptional repressor NOT4Hp, CNOT4, NOT4

Target/Specificity

Human CNOT4

Reconstitution & Storage

Long term: -20°C; Short term: -20°C

Precautions

CNOT4 / CLONE243 Antibody (aa50-100) is for research use only and not for use in diagnostic or therapeutic procedures.

CNOT4 / CLONE243 Antibody (aa50-100) - Protein Information**Name** CNOT4**Synonyms** NOT4**Function**

Has E3 ubiquitin ligase activity, promoting ubiquitination and degradation of target proteins (PubMed: [11823428](http://www.uniprot.org/citations/11823428), PubMed: [22159038](http://www.uniprot.org/citations/22159038), PubMed: [26575292](http://www.uniprot.org/citations/26575292)). Involved in activation of the JAK/STAT pathway (PubMed: [11823428](http://www.uniprot.org/citations/11823428), PubMed: [22159038](http://www.uniprot.org/citations/22159038)). Catalyzes ubiquitination of methylated RBM15 (PubMed: [26575292](http://www.uniprot.org/citations/26575292)). Plays a role

in quality control of translation of mitochondrial outer membrane-localized mRNA (PubMed:29861391). As part of the PINK1-regulated signaling, upon mitochondria damage, ubiquitinates ABCE1 and thereby recruits autophagy receptors to the mitochondrial outer membrane to initiate mitophagy (PubMed:29861391).

Cellular Location

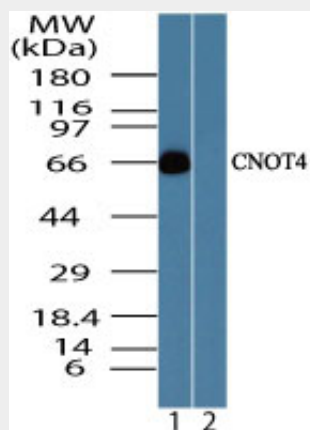
Cytoplasm. Nucleus.

CNOT4 / CLONE243 Antibody (aa50-100) - Protocols

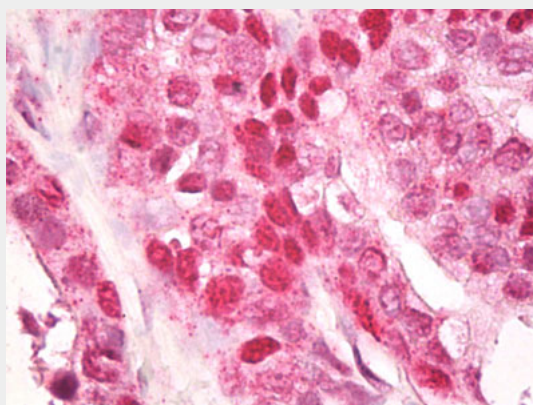
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNOT4 / CLONE243 Antibody (aa50-100) - Images



Western blot of CNOT4 in human skeletal muscle lysate in the 1) absence and 2) presence of...



Anti-CNOT4 / CLONE243 antibody IHC of human prostate.

CNOT4 / CLONE243 Antibody (aa50-100) - Background

Has E3 ubiquitin ligase activity. Involved in activation of the JAK/STAT pathway.

CNOT4 / CLONE243 Antibody (aa50-100) - References

Chiang P.-W.,et al.Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.
Albert T.K.,et al.Nucleic Acids Res. 28:809-817(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).
Barrow I.K.-P.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.