细胞表面趋化因子受体 4 相关蛋白 4 抗体

产品货号： mlR20045

英文名称： CNOT4

中文名称： 细胞表面趋化因子受体 4 相关蛋白 4 抗体

别　　名： CCR4 NOT transcription complex subunit 4; CCR4-associated factor 4; CCR4-NOT transcription complex subunit 4; CLONE243; CNOT 4; Cnot4; CNOT4_HUMAN; E3 ubiquitin-protein ligase CNOT4; NOT 4; NOT4 (negative regulator of transcription 4 yeast) homolog; NOT4; NOT4H; Potential transcriptional repressor NOT4Hp.

研究领域： 细胞生物　通道蛋白　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Horse, Rabbit,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 64kDa

细胞定位： 细胞核 细胞浆 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CNOT4:21-120/575

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription as well as mRNA degradation. Various subunits within the complex are involved in influencing nuclear hormone receptor activities. The CCR4-NOT complex is also involved in the regulation of Histone H3 lysine 4 methylation through a ubiquitin-dependent pathway that likely involves the proteasome. CNOT4 (CCR4-NOT transcription complex subunit 4), also known as CCR4-associated factor 4 and E3 ubiquitin-protein ligase CNOT4, is a 575 amino acid protein that is a subunit of the CCR4-NOT complex. CNOT4 contains one C3H1-type zinc finger, one RING-type zinc finger and one RRM (RNA recognition motif) domain. Via its RING domain, CNOT4 binds E2 ubiquitin ligases. CNOT4 functions as a UbcH5B-dependent ubiquitin-protein ligase (E3 ligase). There are eight isoforms of CNOT4 that are expressed as a result of alternative splicing events.

Function:

Has E3 ubiquitin ligase activity. The CCR4-NOT complex functions as general transcription regulation complex.

Subunit:

Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8. Binds CNOT1 via its C-terminus. Binds E2 ubiquitin ligases via its RING domain. Interacts (via RING domain) with UBE2D2.

Subcellular Location:

Cytoplasm. Nucleus.

Post-translational modifications:

Autoubiquitinated.

Similarity:

Contains 1 C3H1-type zinc finger.

Contains 1 RING-type zinc finger.

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

O95628

Gene ID:

4850

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.