磷酸化细胞表面趋化因子受体 4 相关蛋白 2 抗体

产品货号： mlR9384

英文名称： phospho-CNOT2 (Ser101)

中文名称： 磷酸化细胞表面趋化因子受体 4 相关蛋白 2 抗体

别　　名： CNOT2 (phospho Ser101); CNOT2 (phospho S101); p-CNOT2(Ser101); CCR4 associated factor 2; CCR4 NOT transcription complex subunit 2; CCR4-associated factor 2; CCR4-NOT transcription complex subunit 2; CDC36; CNOT2; CNOT2_HUMAN; HSPC131; MSTP046; Negative regulator of transcription 2; NOT2 (negative regulator of transcription 2 yeast) homolog; NOT2; NOT2H.

产品类型： 磷酸化抗体

研究领域： 细胞生物　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 60kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated Synthesised phosphopeptide derived from human CNOT2 around the phosphorylation site of Ser101:SL(p-S)QG

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 background:

CNOT2 (CCR4-NOT transcription complex subunit 2) is a ubiquitous protein encoded by the human gene CNOT2. CNOT2 belongs to the CNOT2/3/5 family and is part of the CCR4-NOT complex. The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription as well as mRNA degradation. Various subunits (e.g. CNOT1, CNOT2) 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. Increased expression of the CNOT2 subunit acts to strongly repress transcription by RNA polymerase II. This repressive effect is mediated by a conserved NOT-Box, which is located at the C-terminus of CNOT2 proteins. Repression by the NOT-Box is sensitive to treatment with the histone deacetylase (HDAC) inhibitor trichostatin A.

Function:

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.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Ubiquitous. Highly expressed in brain, heart, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood leukocytes.

Similarity:

Belongs to the CNOT2/3/5 family.

SWISS:

Q9NZN8

Gene ID:

4848

Important Note:

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