

TOX4 蛋白抗体

产品货号： mlR17329

英文名称： TOX4

中文名称： TOX4 蛋白抗体

别名： Epidermal Langerhans cell protein LCP1; C14orf92; KIAA0737; LCP1; MIG7; Migration inducing protein 7; TOX 4; TOX high mobility group box family member 4; Tox4; TOX4_HUMAN.

研究领域： 细胞生物 结合蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Sheep, Cat,

产品应用： ELISA=1:500-1000 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 : 66kDa

细胞定位 : 细胞核

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human TOX4:101-200/621

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 : TOX high mobility group box family member 4 (TOX4), also known as epidermal Langerhans cell protein 1 (LCP1), is a 621 amino acid protein that localizes to the nucleus. Mapping to chromosome 14q11.2, TOX4 contains one high mobility group (HMG) box DNA-binding domain, corresponding to amino acids 223 to 291 of human TOX4. The HMG box domain is a region of about 80 amino acids with unusual DNA binding preferences. HMG proteins bind DNA without sequence specificity. Furthermore, they bind to distorted or modified DNA and have the property to bend DNA. The presence of the HMG box DNA-binding domain suggests that TOX4 plays a role in transcriptional regulation.

Function:

Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. {ECO:0000269|PubMed:20516061}.

Subunit:

Component of the PTW/PP1 phosphatase complex, composed of PPP1R10/PNUTS, TOX4, WDR82 and PPP1CA or PPP1CB or PPP1CC. Interacts with PPP1R10/PNUTS. {ECO:0000269|PubMed:20516061}.

Subcellular Location:

Nucleus {ECO:0000305|PubMed:20516061}. Note=Associated with chromatin.

Similarity:

Contains 1 HMG box DNA-binding domain.

SWISS:

O94842

Gene ID:

9878

Important Note:

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