

LIM 同源框蛋白 1 抗体

产品货号： mlR18271

英文名称： LIM1

中文名称： LIM 同源框蛋白 1 抗体

别名： hLim-1; Homeo box protein Lim 1; Homeo box protein Lim1; Homeobox protein Lim 1; Homeobox protein Lim-1; Homeobox protein Lim1; LHX 1; LHX1; LHX1_HUMAN; LIM 1; LIM homeo box 1; LIM homeo box protein 1; LIM homeobox 1; LIM homeobox protein 1; LIM-1; LIM/homeobox protein Lhx 1; LIM/homeobox protein Lhx1; MGC126723; MGC138141.

研究领域： 细胞生物 免疫学 发育生物学 染色质和核信号 信号转导 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, Cow, Horse, Rabbit, Sheep, Chimpanzee,

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： 45kDa

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 LIM1:101-200/406

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 : There are approximately 40 known eukaryotic LIM proteins, so named for the LIM domains they contain. LIM domains are highly conserved cysteine-rich structures containing 2 zinc fingers. Although zinc fingers usually function by binding to DNA or RNA, the LIM motif probably mediates protein-protein interactions. LIM kinase-1 and LIM kinase-2 belong to a small subfamily with a unique combination of 2 N-terminal LIM motifs and a C-terminal protein kinase domain. The protein encoded by this gene is phosphorylated and activated by ROCK, a downstream effector of Rho, and the encoded protein, in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. It is thought that this pathway contributes to Rho-induced reorganization of the actin cytoskeleton. At least three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Potential transcription factor. May play a role in early mesoderm formation and later in lateral mesoderm differentiation and neurogenesis.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in the brain, thymus, and tonsils. Expressed in samples from patients with chronic myeloid leukemia (CML) and in 58% of acute myeloid leukemia (AML) cell lines.

Similarity:

Contains 1 homeobox DNA-binding domain.

Contains 2 LIM zinc-binding domains.

SWISS:

P48742

Gene ID:

3975

Important Note:

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