

转录因子 HES-1 抗体

产品货号： mlR23073

英文名称： HES1

中文名称： 转录因子 HES-1 抗体

别名： bHLHb39; C-HAIRY1; c-hairy1A; Class B basic helix-loop-helix protein 39; FLJ20408; Hairy and enhancer of split 1 (Drosophila); Hairy and enhancer of split 1; Hairy Enhancer of Split 1; Hairy homolog (Drosophila); Hairy Homolog; Hairy like; Hairy, Drosophila, homolog of; Hairy-like protein; Hairy/enhancer of split, Drosophila, homolog of, 1; HAIRY1; HES-1; hes1; Hes1 hairy and enhancer of split 1 (Drosophila); HES1_HUMAN; HHL; HL; HRY; RHL; Transcription factor HES 1; Transcription factor HES-1.

研究领域： 免疫学 染色质和核信号 神经生物学 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Rabbit, Sheep,

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 : 30kDa

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 HES1:251-280/280

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 : Transcriptional repressor of genes that require a bHLH protein for their transcription. May act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity.

Function:

Transcriptional repressor of genes that require a bHLH protein for their transcription. May act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity.

Subunit:

Transcription repression requires formation of a complex with a corepressor protein of the Groucho/TLE family. Interacts (via WPRW motif) with TLE1, and more weakly with TLE2. Interacts with HES6 (By similarity). Interacts with SIRT1. Interacts with an FA complex, composed of FANCA, FANCF, FANCG and FANCL, but not of FANCC, nor FANCE.

Subcellular Location:

Nucleus.

Similarity:

Contains 1 basic helix-loop-helix (bHLH) domain. Contains 1 Orange domain.

SWISS:

Q14469

Gene ID:

3280

Important Note:

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

产品图片

