

p60TRP 蛋白抗体

产品货号： mlR11653

英文名称： BHLHB9/p60TRP

中文名称： p60TRP 蛋白抗体

别名： Basic helix loop helix domain containing class B 9; BHLHB 9; bHLHB9; KIAA1701; p60 like protein; p60TRP; Protein BHLHb9; Transcription regulator of 60 kDa; BHLH9_HUMAN .

研究领域： 肿瘤 细胞生物 神经生物学 Alzheimer's

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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： 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 synthetic peptide derived from human BHLHB9/p60TRP:451-547/547

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： Basic helix-loop-helix (bHLH) proteins are a group of transcription factors that influence the regulation of neurogenesis, cardiogenesis, myogenesis, differentiation and cell proliferation. p60TRP (p60-transcription-regulator-protein), also known as BHLHB9 (basic helix-loop-helix domain containing, class B, 9) or p60-like protein, is a 547 amino acid cytoplasmic and nuclear protein that belongs to the GPRASP family. A few members of the GRASP family are considered G protein-coupled receptors that play a role in many different stimulus-response pathways. Highly expressed in brain, p60TRP may be involved in the control of cellular aging and survival. In colon cancer cells, p60TRP is down regulated due to CpG hypermethylation of its promoter, and patients suffering from Alzheimer disease have low levels of p60TRP. p60TRP binds to karyopherin β 3, also known as Ran BP-5, and protein-phosphatase-2A (PP2A), and is encoded by a gene located on human chromosome Xq22.1.

Function:

BHLHB9, or basic helix loop helix domain containing, class B 9, interacts with the Ran-binding-protein-5 (RanBP5) and the protein-phosphatase-2A (PP2A). It can also affect NNT1 and p48ZnF signaling and is down-regulated in the brain of AD subjects. Thus BHLHB9 may have a possible pivotal role in the control of cellular aging and survival. Hypermethylation of the BHLHB9 gene occurs in premalignant lesions and accumulates during tumorigenesis.

Subcellular Location:

Cytoplasm. Nucleus. Note=Mainly cytoplasmic, and nuclear at lower level.

Tissue Specificity:

Highly expressed in brain. Not expressed in lung or liver. Down-regulated in brain from patients suffering from Alzheimer disease.

Similarity:

Belongs to the GPRASP family.

SWISS:

Q6PI77

Gene ID:

80823

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

