肿瘤生长抑制蛋白 2 抗体

产品货号： mlR16653

英文名称： ING2

中文名称： 肿瘤生长抑制蛋白 2 抗体

别　　名： ING 1 like tumor suppressor protein; ING 1L; ING 2; ING1 like tumor suppressor protein; ING1L; ING1Lp; ING2; ING2_HUMAN; Inhibitor of growth 1 like; Inhibitor of growth 1 like protein; Inhibitor of growth 1-like protein; Inhibitor of growth family member 1 like; Inhibitor of growth family member 2; Inhibitor of growth protein 2; p32; p33 ING2; p33ING2.

研究领域： 肿瘤　细胞生物　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, Dog, Pig, Horse, 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 ： 33kDa

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 ING2:151-250/280

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 background:

This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. [provided by RefSeq, Jul 2008]

Function:

Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs).

Subcellular Location:

Nucleus. Predominantly nuclear. Localized to chromatin and nuclear matrix. Upon reduced PtdIns(5)P levels seems to be released from chromatin and, at least partially, translocated to the cytoplasm.

Tissue Specificity:

Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues.

Similarity:

Belongs to the ING family.

Contains 1 PHD-type zinc finger.

SWISS:

Q9H160

Gene ID:

3622

Important Note:

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