生长抑制因子基因 1 抗体

产品货号： mIR1291

英文名称： ING1

中文名称： 生长抑制因子基因 1 抗体

别　　名： ING1_HUMAN; Inhibitor of growth protein 1; inhibitor of growth gene 1; Growth inhibitor ING 1; Growth inhibitor ING1; Growth inhibitory protein ING 1; Growth inhibitory protein ING1; Homo sapiens growth inhibitor p33ING1 (ING1) mRNA, complete cds; ING 1; Inhibitor of growth 1; Inhibitor of growth family member 1; Inhibitor of growth protein 1; p24ING1c; p33 ING1; p33ING1; p33ING1b; p47ING1a; Tumor suppressor ING 1; Tumor suppressor ING1.

研究领域： 肿瘤　细胞生物　信号转导　细胞凋亡　细胞周期蛋白　转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 46kDa

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 inhibitor of growth gene 1:301-422/422

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： This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq].

Function:

Cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. Implicated as a tumor suppressor gene.

Subcellular Location:

Nucleus.

Tissue Specificity:

Isoform 2 was expressed in all normal tissues and cells examined, as well as in all breast cancer and melanoma cell lines examined. Isoform 3 was expressed in testis, liver, and kidney, weakly expressed in colon and brain and

not expressed in breast and cultured melanocytes. Isoform 4 was highly expressed in testis and weakly expressed in brain, but not expressed in breast, colon, kidney, melanocytes, breast cancer or melanoma cell lines.

DISEASE:

Defects in ING1 are a cause of head and neck squamous cell carcinomas (HNSCC) [MIM:275355]; also known as squamous cell carcinoma of the head and neck.

Similarity:

Belongs to the ING family.

Contains 1 PHD-type zinc finger.

SWISS:

Q9UK53

Gene ID:

3621

Important Note:

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