

转移生长因子 α 抗体

产品货号： mlR20673

英文名称： TGF alpha

中文名称： 转移生长因子 α 抗体

别名： EGF like TGF; ETGF; TFGA; TGF A; TGF type 1; TGFA; Transforming growth factor alpha; Transforming growth factor alpha precursor; Wa1; Waved 1; TGFA_HUMAN; TGF α ; TGF- α ; TGF α .

研究领域： 肿瘤 心血管 信号转导 生长因子和激素 细胞因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Chicken, Dog, Pig, Rabbit, Guinea Pig,

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：17kDa

细胞定位：细胞膜 细胞外基质 分泌型蛋白

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human TGF alpha:40-89/160

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 growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].

Function:

TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar (By similarity). Inhibitor of acid secretion. Inhibitor of aminopyrine uptake in parietal cells (in vitro).

Subunit:

Interacts with the PDZ domains of MAGI3, SDCBP and SNTA1. The interaction with SDCBP, is required for the targeting to the cell surface. In the endoplasmic reticulum, in its immature form (i.e. with a prosegment and lacking full N-glycosylation), interacts with CNIH. In the Golgi apparatus, may form a complex with CNIH and GORASP2. Interacts (via cytoplasmic C-terminal domain) with NKD2.

Subcellular Location:

Transforming growth factor alpha: Secreted, extracellular space. Protransforming growth factor alpha: Cell membrane; Single-pass type I membrane protein.

Tissue Specificity:

Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines.

Similarity:

Contains 1 EGF-like domain.

SWISS:

P01135

Gene ID:

7039

Unigene: 9952 Rat

Important Note:

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

生长因子和激素

TGF α 是一个强有力的只有丝分裂多肽,主要由恶性肿瘤产生。

产品图片

