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# TGFB2 Rabbit pAb

**货号: B13812**

## 产品信息

| | |
|---|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **WB:** mink |
| 应用 | WB IHC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200 |
| 理论分子量 | 47kDa/50kDa |
| 实测分子量 | 47kDa/50kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Secreted |
| 纯化 | Affinity purification |

## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 20-160 of human TGFB2 (NP_001129071.1). |
| 序列 | SLSTCSTLDMDQFMRKRIEAIRGQILSKLKLTSPPEDYPEPEEVPPEVISIYNSTRDLLQEKASRRAAACERERSDEEYYAKEV YKIDMPPFFPSETVCPVVTTPSGSVGSLCSRQSQVLCGYLDAIPPTFYRPYFRIVRF |

## 靶点信息

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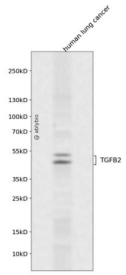
| 研究背景 | This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types by transducing their signal through combinations of transmembrane type I and type II receptors (TGFBR1 and TGFBR2) and their downstream effectors, the SMAD proteins. Disruption of the TGFB/SMAD pathway has been implicated in a variety of human cancers. The encoded protein is secreted and has suppressive effects of interleukin-2 dependent T-cell growth. Translocation t(1;7)(q41;p21) between this gene and HDAC9 is associated with Peters' anomaly, a congenital defect of the anterior chamber of the eye. The knockout mice lacking this gene show perinatal mortality and a wide range of developmental, including cardiac, defects. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| 基因**ID** | 7042 |
| 基因名 | TGFB2 |
| **Swiss** | P61812 |
| 别名 | TGFB2;G-TSF;LDS4;TGF-beta2 |

## 产品验证




Western blot analysis of TGFB2 expressed in human lung cancer using TGFB2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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