# SHH Rabbit pAb

货号: **B21383**

## 产品信息

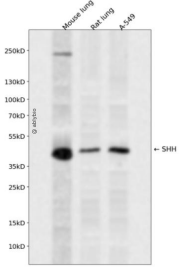| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:1000 |
| 理论分子量 | |
| 实测分子量 | 45KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | A-549,Mouse lung,Mouse brain,Rat lung |
| 细胞定位 | axon,dendrite,endoplasmic reticulum,extracellular region,extracellular space,Golgi apparatus,nucleus,plasma membrane,synaptic vesicle |
| 纯化 | Affinity purification |

## 抗原信息

| | |
|---|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 187-281 of mouse SHH (NP_033196.1). |
| 序列 | KAENSVAAKSGGCFPGSATVHLEQGGTKLVKDLRPGDRVLAADDQGRLLYSDFLTFLDRDEGAKKVFYVIETLEPRERLLLTAAHLLFVAPHNDS |

## 靶点信息

| 研究背景 | Mouse Sonic Hedgehog Homolog (SHH) belongs to a three-protein family called Hedgehog. The other two family members are Indian Hedgehog (IHH) and Desert Hedgehog (DHH). Hedgehog proteins are key sign alingmolecules in embryonic development. SHH is expressed in various embryonic tissues and plays critic al roles inregulating the patterning of many systems, such as limbs and brain. SHH also plays an importa nt role in adult,including the division of adult stem cells and the development of certain cancers and other diseases.Mouse Shhis synthesized as a 437 aa precursor that contains a 24 aa signal sequence and a 413 aa mature region. Themature region is autocatalytically processed into a nonglycosylated, 20 kDa, 174 aa N-terminal fragment (Shh-N), and a catalytic-processing,glycosylated, 34 kDa, 239 aa C-terminal fragmen t. The 20 kDa Shh-N fragment isthe core of the active hedgehog molecule. Mouse Shh-N is 99%, 98%, an d 100% aa identical to human, rat andgerbil Shh-N, respectively. |
|---|---|
| 基因ID | 20423 |
| 基因名 | |
| Swiss | Q62226 |
| 别名 | 9530036O11Rik; Dsh; Hhg1; Hx; Hxl3; M100081 |

## 产品验证



Western blot analysis of SHH expressed in Mouse lung,Rat lung,A-549 using SHH Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocki ng buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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