

— ABLYBIO, Help Your Research



Sonic Hedgehog (YD14578) Rabbit mAb

货号: **AYD13299**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC
推荐浓度	
理论分子量	50kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HepG2,Rat lung
细胞定位	Endoplasmic reticulum membrane, Golgi apparatus membrane, Secreted, Cell membrane
纯化	亲和纯化

抗原信息

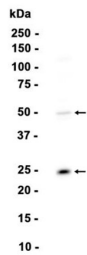
抗原信息	
------	--

靶点信息

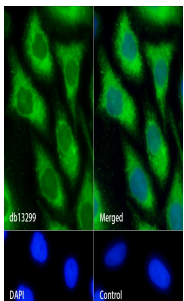
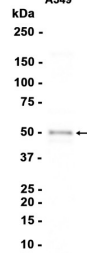
研究背景	This gene encodes a protein that is instrumental in patterning the early embryo. It has been implicated as the key inductive signal in patterning of the ventral neural tube, the anterior-posterior limb axis, and the ventral somites. Of three human proteins showing sequence and functional similarity to the sonic hedgehog protein of <i>Drosophila</i> , this protein is the most similar. The protein is made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the developing embryo. Defects in this protein or in its signalling pathway are a cause of holoprosencephaly (HPE). It is also thought that mutations in this gene or in its signalling pathway may be responsible for VACTERL syndrome. Additionally, mutations in a long range enhancer located approximately 1 megabase upstream of this gene disrupt limb patterning and can result in preaxial polydactyly.
基因ID	6469
基因名	SHH
Swiss	Q15465 (https://www.uniprot.org/uniprotkb/Q15465/entry)
别名	Sonic Hedgehog (YD14578), Sonic Hedgehog (YD14578) Rabbit mAb, SHH, HHG-1, Shh unprocessed N-terminal signaling and C-terminal autoprocessing domains, Shh N-terminal processed signaling domains

产品验证

Human fetal kidney



A549



实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)