Akt2 Rabbit pAb

货号: B19687

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	51kDa/55kDa
实测分子量	60kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,Jurkat,HeLa,HepG2,Mouse liver,Rat liver
细胞定位	Cell membrane,Cytoplasm,Early endosome,Nucleus,Peripheral membrane protein
纯化	Affinity purification

抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Akt2 (NP_001617.1).
序列	MRAIQMVANSLKQRAPGEDPMDYKCGSPSDSSTTEEMEVAVSKARAKVTMNDFDYLKLLGKGTFGKVILVREKATGRYYAMKILRKEVIIAKDEVAHTVTE

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 hedgeh og protein of Drosophila, this protein is the most similar. The protein is made as a precursor that is autoc atalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-termi nal portion is involved in precursor processing. More importantly, the C-terminal product covalently attac hes a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface a nd preventing it from freely diffusing throughout the developing embryo. Defects in this protein or in its si gnalling 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 ran ge enhancer located approximately 1 megabase upstream of this gene disrupt limb patterning and can re sult in preaxial polydactyly.
基因**ID**	208
基因名	AKT2
Swiss	P31751
别名	AKT2;HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA

产品验证

实验步骤

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