

产品名称: ILKAP Rabbit Polyclonal Antibody
产品货号: APRab12580



产品概述 (Summary)

产品名称 (Production Name)	ILKAP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ILKAP
别名 (Alternative Names)	ILKAP; Integrin-linked kinase-associated serine/threonine phosphatase 2C; ILKAP
基因 ID (Gene ID)	80895.0
蛋白 ID (SwissProt ID)	Q9H0C8.The antiserum was produced against synthesized peptide derived from human ILKAP. AA range:41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	45kDa

产品名称: ILKAP Rabbit Polyclonal Antibody
产品货号: APRab12580

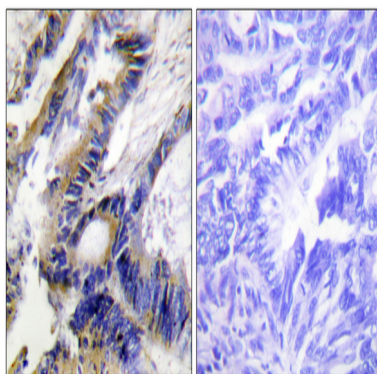


研究背景 (Background)

The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway. [provided by RefSeq, Jul 2008], catalytic activity: A phosphoprotein + H₂O = a protein + phosphate, cofactor: Binds 2 magnesium or manganese ions per subunit, function: Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation, induction: Inhibited rather than stimulated by Magnesium, similarity: Belongs to the PP2C family, similarity: Contains 1 PP2C-like domain, subunit: Interacts with ILK. Specific association with ILK is independent of the catalytic activity of either partner, tissue specificity: Widely expressed. Highest levels expressed in striated muscle. Much lower levels evident in various smooth muscle tissues,

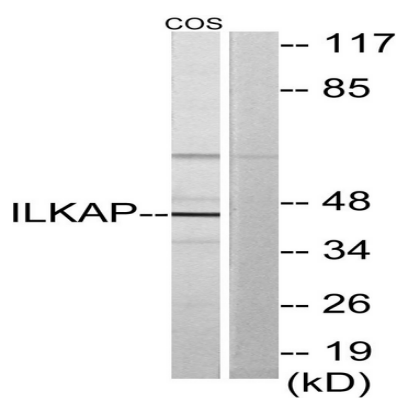
研究领域 (Research Area)

图片 (Image Data)

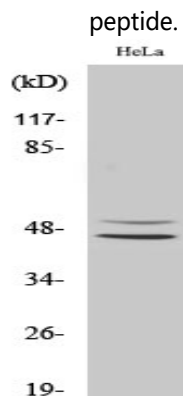


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ILKAP Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: ILKAP Rabbit Polyclonal Antibody
产品货号: APRab12580



Western blot analysis of lysates from COS7 cells, using ILKAP Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ILKAP Polyclonal Antibody

注意事项 (Note)

For research use only .