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ILKAP Polyclonal Antibody

Catalog # AP70530

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9H0C8
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42907

Additional Information

Gene ID	80895
Other Names	ILKAP; Integrin-linked kinase-associated serine/threonine phosphatase 2C; ILKAP
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

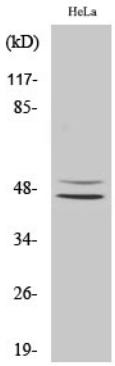
Name	ILKAP
Function	Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation.
Cellular Location	Cytoplasm.
Tissue Location	Widely expressed. Highest levels expressed in striated muscle. Much lower levels evident in various smooth muscle tissues.

Background

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.

Images



Western Blot analysis of various cells using ILKAP Polyclonal Antibody