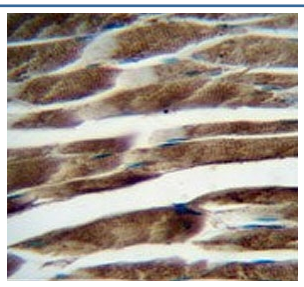
ILKAP Antibody (F54838)

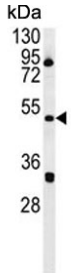
Catalog No.	Formulation	Size
F54838-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54838-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

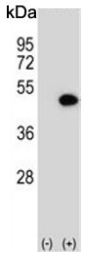
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9H0C8
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This ILKAP antibody is available for research use only.



IHC testing of FFPE human skeletal muscle tissue with ILKAP antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HEK293 cell lysate with ILKAP antibody. Predicted molecular weight ~43 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with ILKAP antibody.

Description

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. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the ILKAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 243-270 from the human protein was used as the immunogen for the ILKAP antibody.

Storage

Aliquot the ILKAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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