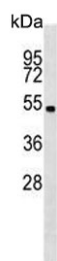


Stk11 Antibody / Liver kinase b1 / Lkb1 (F54709)

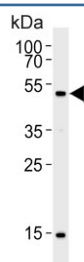
Catalog No.	Formulation	Size
F54709-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54709-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

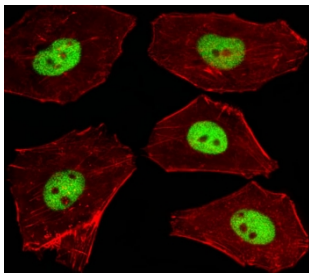
Availability	1-3 business days
Species Reactivity	Mouse, Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9WTK7
Localization	Cytoplasmic, nuclear
Applications	Immunofluorescence : 1:25 Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This Stk11 antibody is available for research use only.



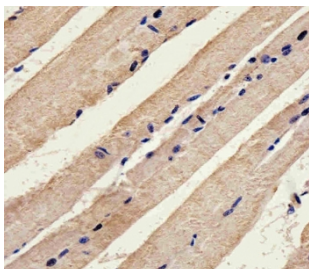
Western blot testing of mouse cerebellum tissue lysate with Stk11 antibody. Predicted molecular weight ~49 kDa.



Western blot testing of human NCI-H1299 cell lysate with Stk11 antibody. Predicted molecular weight ~49 kDa.



Immunofluorescent staining of human A549 cells with Stk11 antibody (green) and anti-Actin (red).



IHC testing of FFPE mouse skeletal muscle tissue with Stk11 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Tumor suppressor serine/threonine-protein kinase that controls the activity of AMP-activated protein kinase (AMPK) family members, thereby playing a role in various processes such as cell metabolism, cell polarity, apoptosis and DNA damage response. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the Stk11 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 393-420 from the mouse protein was used as the immunogen for the Stk11 antibody.

Storage

Aliquot the Stk11 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.