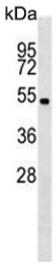
# Stk11 Antibody / Liver kinase b1 / Lkb1 (F54709)

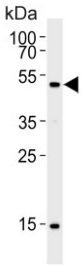
| Catalog No. | Formulation | Size |
|---|---|---|
| F54709-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54709-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

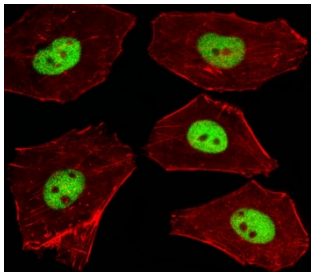
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse, Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | Q9WTK7 |
| **Localization**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



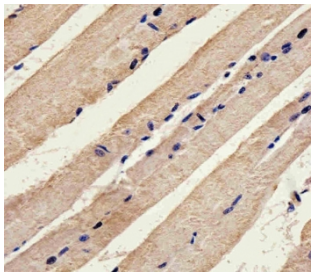

Western blot testing of mouse cerebellum tissue lysate with Stk11 antibody. Predicted molecular weight ~49 kDa.




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 -20oC or colder. Avoid repeated freeze-thaw cycles.

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