

## LKB1 Ab

[References\(2\)](#) [Images\(3\)](#)

Cat.#: AF6453  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 65 kDa  
Clonality: Polyclonal

Application:

WB 1:1000, IHC 1:50-1:200, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Monkey

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, sodium azide and glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

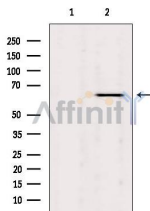
A synthesized peptide derived from human LKB1, corresponding to a region within C-terminal amino acids.

Uniprot:

Q15831

Description:

ubiquitously expressed kinase of the CAMKL family with a tumor suppressor activity. Phosphorylates AGS3 (activator of G-protein signaling 3) GPR domains, regulating the interaction of GPR-containing proteins with G-proteins. Strongest expression in testis and fetal liver. Mutations in LKB1 lead to the Peutz-Jeghers cancer syndrome.



Western blot analysis of extracts from VERO, using LKB1 Ab. Lane 1 was treated with the blocking peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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