

## Phospho-LKB1 (Thr189) Ab

[Images\(1\)](#)

Cat.#: AF3454	Concn.: ~1mg/ml	Mol.Wt.: 65kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.	
Immunogen:	A synthesized peptide derived from human LKB1 around the phosphorylation site of Thr189.	
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.	

**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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