

Recombinant Anti-LKB1 Rabbit mAb

Catalog # AP96155

Product Information

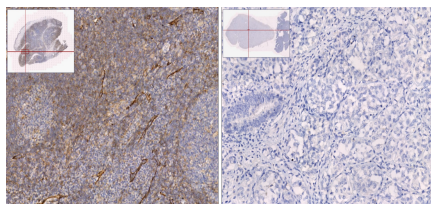
Application	WB, IHC-P, IP, IF/IC
Primary Accession	Q15831
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	48636 Da

Additional Information

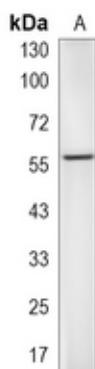
Other Names	LKB1; PJS; Serine/threonine-protein kinase STK11; Liver kinase B1; LKB1; hLKB1; Renal carcinoma antigen NY-REN-19
Dilution	WB~~1:500-1000 IHC-P~~1:200 IP~~N/A IF/IC~~1:50-200
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

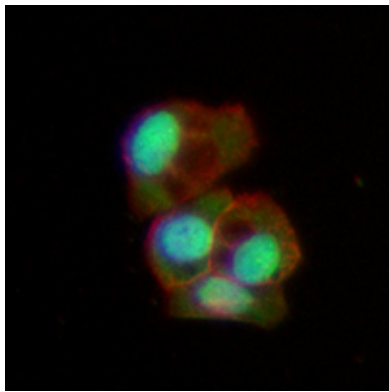
Images



Immunohistochemical staining of formalin-fixed and paraffin-embedded human tonsil (left) and human uterine fibroids (right, LKB1 mutation) tissues using LKB1 antibody, with HRP-labeled secondary antibody and DAB chromogen. Positive signals were detected in human tonsils, but no staining was observed in uterine fibroids with STK11 mutations.



Western blot analysis of LKB1 expression in K562 (A) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 60 kD)



Immunofluorescent analysis of LKB1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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