

Product Datasheet

Anti-LKB1 (Phospho-S428) Antibody (orb214629)

Catalog Number	orb214629
Description	Rabbit polyclonal antibody to STK11
Species/Host	Rabbit
Reactivity	Human, Mouse, Primate, Rat
Conjugation	Unconjugated
Tested Applications	IF, IH, WB
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S428 of human LKB1 protein. The exact sequence is proprietary.
Target	STK11
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q15831, Q9WTK7, D4AE59
Entrez	6794, 20869

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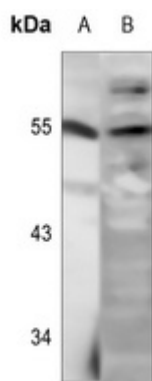
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Dilution Range

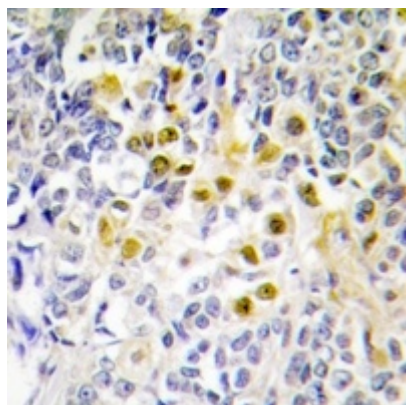
WB: 1-500-1-1000

Expiration Date

12 months from date of receipt.



Western blot analysis of LKB1 (Phospho-S428) expression in HEK293T (A), mouse muscle (B) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 54 kD)



Immunohistochemical analysis of LKB1 (Phospho-S428) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of LKB1 (Phospho-S428) staining in NIH-3T3 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 a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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