

LKB1 Rabbit mAb

Catalog NO.: A22636 **KO Validated** **Recombinant** **5 Publications**

Basic Information

Observed MW

49-60kDa

Calculated MW

49kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC58343

Background

The protein encoded by this gene is a serine/threonine kinase that regulates cell polarity and energy metabolism and functions as a tumor suppressor. Mutations in this gene have been associated with the autosomal dominant Peutz-Jeghers syndrome, as well as with skin, pancreatic, and testicular cancers.

Recommended Dilutions

WB 1:3500 - 1:14000

IHC-P 1:200 - 1:2000

IP
0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA
Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
6794	Q15831

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

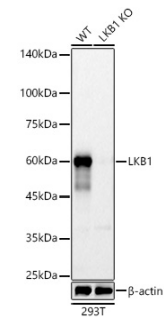
Synonyms
PJS; LKB1; hLKB1; B1

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of lysates from wild type(WT) and LKB1 knockout (KO) 293T cells, using [KO Validated] LKB1 Rabbit mAb (A22636) at 1:7000 dilution.

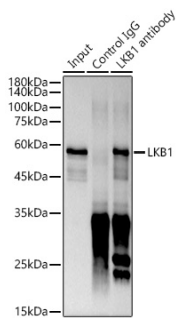
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

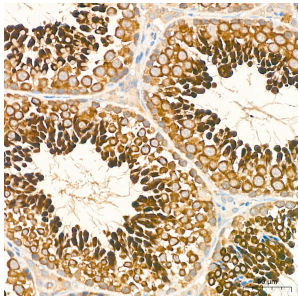
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

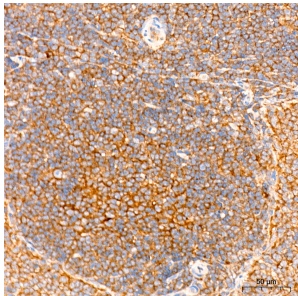
Exposure time: 60s.



Immunoprecipitation analysis of 300 μg extracts of 293T cells using 3 μg [KO Validated] LKB1 Rabbit mAb(A22636). Western blot was performed from the immunoprecipitate using [KO Validated] LKB1 Rabbit mAb(A22636) at a dilution of 1:7000.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] LKB1 Rabbit mAb (A22636) at a dilution of 1:200 (40x lens). High



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using [KO Validated] LKB1 Rabbit mAb (A22636) at a dilution of 1:200 (40x lens). High pressure

pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

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