

[KO Validated] LKB1 Rabbit mAb

Catalog No.: A22636

KO Validated

Recombinant

3 Publications

Basic Information

Observed MW

49-60kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo 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.

Immunogen Information

Gene ID

6794

Swiss Prot

Q15831

Immunogen

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

Synonyms

PJS; LKB1; hLKB1; B1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

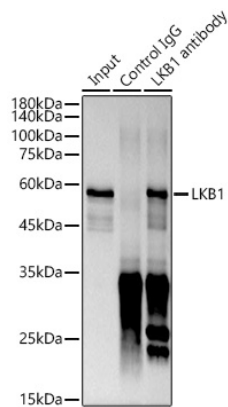
Affinity purification

Storage

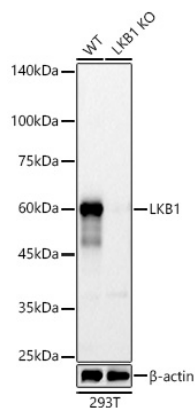
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

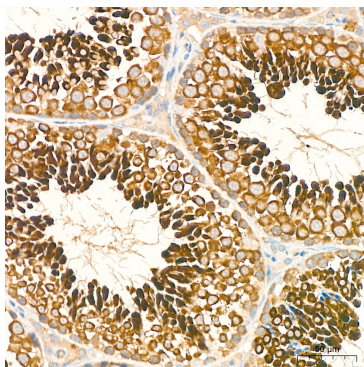
Validation Data



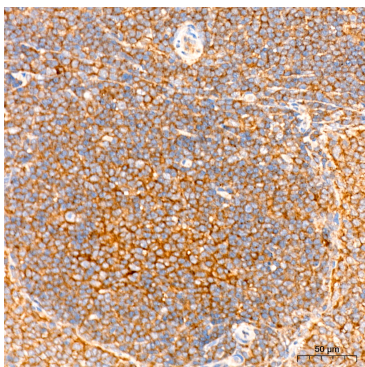
Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg [KO Validated] LKB1 Rabbit mAb(A22636). Western blot was performed from the immunoprecipitate using [KO Validated] LKB1 Rabbit mAb(A22636) at a dilution of 1:7000.



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.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] LKB1 Rabbit mAb (A22636) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



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