

Datasheet: AHP2733

Description:	RABBIT ANTI STK11
Specificity:	STK11
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to STK11 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 134-433 of human STK11

External Database

Links

UniProt:

[Q15831](#)

[Related reagents](#)

Entrez Gene:

[6794](#)

STK11

[Related reagents](#)

Synonyms LKB1, PJS

Specificity **Rabbit anti STK11 antibody** recognizes serine/threonine-protein kinase STK11, also known as liver kinase B1, LKB1, hLKB1 and renal carcinoma antigen NY-REN-19. STK11 is a tumor

suppressor and mutations in the STK11 gene are found in Peutz-Jeghers syndrome (PJS) ([Marignani 2005](#)). STK11 phosphorylates AMPK ([Hardie 2004](#)).

Western Blotting	Rabbit anti STK11 antibody detects a band of approximately 54 kDa in U-87MG and SKOV3 cell lysates and mouse heart tissue lysate under reducing conditions
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Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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