

## Datasheet: AHP2733

<b>Description:</b>	RABBIT ANTI STK11
<b>Specificity:</b>	STK11
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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](https://www.uniprot.org/entry/Q15831)

[Related reagents](#)

**Entrez Gene:**

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<b>Synonyms</b>	LKB1, PJS
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<b>Specificity</b>	<b>Rabbit anti STK11 antibody</b> 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) ( <a href="#">Marignani 2005</a> ). STK11 phosphorylates AMPK ( <a href="#">Hardie 2004</a> ).
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<b>Western Blotting</b>	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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<b>Storage</b>	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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2733">https://www.bio-rad-antibodies.com/SDS/AHP2733</a> 10049
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<b>Regulatory</b>	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](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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