

## Datasheet: 7370-9808

<b>Description:</b>	SHEEP ANTI RABBIT PHOSPHORYLASE B
<b>Specificity:</b>	PHOSPHORYLASE B
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 ml

## 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
ELISA	▪			1/600 - 1/2000
Western Blotting	▪			1/1000 - 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 the appropriate negative/positive controls.

<b>Target Species</b>	Rabbit
<b>Product Form</b>	Serum - liquid
<b>Preservative Stabilisers</b>	None present
<b>Immunogen</b>	Native, from muscle.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P12798</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">100009137</a>   PHKB   <a href="#">Related reagents</a></p>

### Specificity

**Sheep anti Rabbit phosphorylase B antibody** recognises phosphorylase B, a catalytic protein with a predicted molecular weight of 125 kDa localized in the cytoplasm and cell membrane.

In skeletal muscle, phosphorylase occurs in two forms, phosphorylase A and phosphorylase B. Phosphorylase A is the more active of the two forms and has a higher molecular weight. The two forms are interconvertable. Phosphorylase B catalyzes the phosphorylation of serine residues in various substrates including troponin I.

Sheep anti Rabbit phosphorylase B antibody shows high cross reactivity (>95%) with

phosphorylase A in ELISA.

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<b>References</b>	1. Leick, L. <i>et al.</i> (2010) PGC-1{alpha} is required for AICAR induced expression of GLUT4 and mitochondrial proteins in mouse skeletal muscle. <a href="#">Am J Physiol Endocrinol Metab. 299: E456-65.</a>
<b>Storage</b>	Store at -20°C only. 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.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10194 available at: 10194: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[FITC](#), [HRP](#)

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