

Datasheet: OBT1684

BATCH NUMBER 158647

Description:	RABBIT ANTI PHOSPHOSERINE
Specificity:	PHOSPHOSERINE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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
ELISA	▪			1/1000 - 1/2000
Immunoprecipitation	▪			
Western Blotting	▪			1/500

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 Chemical

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to phosphoserine 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 Stabilisers 50% Glycerol

Approx. Protein Concentrations IgG concentration 0.25 mg/ml

Immunogen Keyhole Limpet Haemocyanin - phosphoserine conjugates

RRID

AB_619524

Specificity

Rabbit anti Phosphoserine antibody recognises phosphoserine, peptidyl-phosphoserine, and serine-phosphorylated proteins. Rabbit anti Phosphoserine antibody does not cross react with ATP, phosphotyrosine, peptidyl phosphothreonine and serine. Slight cross reactivity with free phosphothreonine is observed. Phosphorylation and dephosphorylation of intracellular proteins occurs in response to extracellular signals. In certain disease states such as cancer, abnormal protein phosphorylation can occur.

Storage

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10106 available at:
<https://www.bio-rad-antibodies.com/SDS/OBT1684>
10106

Regulatory

For research purposes only

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](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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
'M387321:210623'

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