

Datasheet: 7821-1009

Description:	RABBIT ANTI RAT PROSTATEIN (C3 SUBUNIT)
Specificity:	PROSTATEIN (C3 SUBUNIT)
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA			▪	
Western Blotting	▪			1/300 - 1/400
Immunodiffusion	▪			
Immunofluorescence			▪	

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.

Target Species	Rat
Product Form	Ig Fraction - lyophilised
Reconstitution	Reconstitute using 50 µl of sterile distilled water. For longer term storage the addition of a preservative is recommended.
Preparation	Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present

Immunogen C3 subunit of prostatein purified from rat prostate

External Database

Links

UniProt:

[P02780](#) [Related reagents](#)

Entrez Gene:

[361725](#) Scgb2a2 [Related reagents](#)

Synonyms

Psbpc3

RRID

AB_906187

Specificity

Rabbit anti Rat prostatein antibody recognizes the C3 subunit of rat prostatein, also known as Secretoglobin family 2A member 2, C3.1, Prostatein peptide C3 or Prostatic steroid-binding protein C3. Prostatein peptide C3 is a 77 amino acid peptide with an additional 18 amino acid N-terminal signal peptide having a predicted molecular mass of ~10.7 kDa. Prostatein is a tetrameric protein comprised of two heterodimeric components made up of C1, C2 and C3 components. Prostatein is highly expressed in the ventral prostate as an androgen dependent secreted protein and member of the lipophilin subfamily of proteins.

References

1. Constantino, F.B. *et al.* (2017) The prostate response to prolactin modulation in adult castrated rats subjected to testosterone replacement. [J Mol Histol. Oct 07 \[Epub ahead of print\]](#).
 2. Santos, S.A. *et al.* (2014) Impact of gestational diabetes and lactational insulin replacement on structure and secretory function of offspring rat ventral prostate. [Gen Comp Endocrinol. 206: 60-71.](#)
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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 reconstitution.

Health And Safety Information

Material Safety Datasheet documentation #10162 available at:
10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory

For research purposes only

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](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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'M350791:190314'

Printed on 09 Feb 2021

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