



## Data Sheet (DS) 7TM0370C

Issuing Date: 2021-11-17

Description	pS450/pS452-PAC1 (phospho-PACAP Receptor 1 Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 µl

## Product Details

Applications	This product has been reported to work in the following applications:	
		Dilution
	Western Blot	1:1000
	This information is derived from testing within our laboratories and peer-reviewed publications. Please refer to references indicated for further information. For general protocol recommendations, please visit <a href="https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/">https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</a> . 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 human PAC1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.	
Immunogen	A synthetic phosphopeptide derived from human PAC1 around the phosphorylation site of Ser450/Ser452.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine450/Serine452 (S450/S452) is major phosphorylation site of the PACAP Receptor 1 (PAC1). The pS450/pS452-PAC1 antibody detects phosphorylation in response to agonists. S450/S452 phosphorylation is likely to be involved in efficient ligand sequestration by PAC1.	
Guarantee	12 months from date of dispatch	
Storage	Store at -20°C. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.	
Regulatory	For research purposes only	

Health and Safety Information	Material Safety Data Sheet documentation is available at <a href="https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/vippacap-receptors/pac1/168/ps450/ps452-pac1-phospho-pacap-receptor-1-antibody">https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/vippacap-receptors/pac1/168/ps450/ps452-pac1-phospho-pacap-receptor-1-antibody</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>
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### **Related Products**

[PAC1 \(non-phospho\) PACAP Receptor 1 Antibody](#)

[pS437/pS438-PAC1 \(phospho-PACAP Receptor 1 Antibody\)](#)

[pT444/pS447-PAC1 \(phospho-PACAP Receptor 1 Antibody\)](#)

[PAC1 \(IHC-grade\) PACAP Receptor 1 Antibody](#)

[mPAC1 \(IHC-grade\) PACAP Receptor 1 Antibody \(Mouse\)](#)

### **Details of the Supplier of the Data Sheet**

#### **Supplier**

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