



**Data Sheet (DS) 7TM0371B**

**Issuing Date:** 2021-03-02

Description	pT429/pS431/pT432-VPAC1 (phospho-VIP 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
	Immunocytochemistry	1:200
	<p>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></p> <p>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.</p>	
Target Species	Human	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to VIP Receptor 1 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 VPAC1 around the phosphorylation site Thr429/Ser431/Thr432.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine429/Serine431/Threonine432 (T429/S431/T432) is a major phosphorylation site of the VPAC1 receptor. The pT429/pS431/pT432-VPAC1 antibody detects phosphorylation in response to high- and low-efficacy agonists and after PKC activation. T429/S431/T432 phosphorylation is a key regulator of VPAC1 desensitization, β-arrestin recruitment and internalization.	
Guarantee	12 months from date of dispatch	
Storage	<p>Store at -20°C.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.</p>	

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/vpac1/136/pt429/ps431/pt432-vpac1-phospho-vip-receptor-1-antibody?c=541">https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/vippacap-receptors/vpac1/136/pt429/ps431/pt432-vpac1-phospho-vip-receptor-1-antibody?c=541</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>

### **Related Products**

[pS422/pS425-VPAC1 \(phospho-VIP Receptor 1 Antibody\)](#)

[pS435/pT438-VPAC1 \(phospho-VIP Receptor 1 Antibody\)](#)

[VPAC1 \(non-phospho\), VIP Receptor 1 Antibody](#)

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

#### **Supplier**

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