



Data Sheet (DS) 7TM0009B

Issuing Date: 2020-10-30

Description	pT343/pS347/pT348-5HT4 (phospho-5-Hydroxytryptamine Receptor 4 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:	
	Western Blot	Dilution 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 https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/ 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 5-Hydroxytryptamine Receptor 4 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 5HT4 around the phosphorylation site of Thr343/Ser347/Thr348.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine343/Serine347/Threonine348 is a major phosphorylation site of the 5-HT4 receptor. The pT343/pS347/pT348-5-HT4 antibody detects phosphorylation in response to high-efficacy agonists but not after PKC activation. T343/S347/T348 phosphorylation is a key regulator of 5HT4 desensitization, β -arrestin recruitment and internalization.	
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 https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/5-ht-receptors/5-ht4/105/pt343/ps347/pt348-5-ht4-phospho-5-ht-receptor-4-antibody?c=525 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pS354/pT355-5HT4 \(phospho-5-Hydroxytryptamine Receptor 4 Antibody\)](#)

Details of the Supplier of the Data Sheet

Supplier

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