



Data Sheet (DS) 7TM0317C

Issuing Date: 2023-06-02

Description	pT358/pT361-DOP (phospho- δ -Opioid Receptor Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 μ l

Product Details

Applications	This product has been reported to work in the following applications:	
		Dilution
	Western Blot	1:1000
	<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 https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</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, Mouse, Rat	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to δ -Opioid Receptor 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 DOP around the phosphorylation site of Thr358/Thr361.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine358/Threonine361 (T358/T361) is the primary phosphorylation site in a hierarchical phosphorylation cascade of the delta-opioid receptor (DOP). The pT358/T361-DOP antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. T358/T361 phosphorylation is a key regulator of DOP 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 https://7tmantibodies.com/detail/index/sArticle/417/sCategory/88 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pT361-DOP \(phospho- \$\delta\$ -Opioid Receptor Antibody\)](#)

[pT361/pS363-DOP \(phospho- \$\delta\$ -Opioid Receptor Antibody\)](#)

[pS363-DOP \(phospho- \$\delta\$ -Opioid Receptor Antibody\)](#)

[DOP \(non-phospho\) \$\delta\$ -Opioid Receptor Antibody](#)

Details of the Supplier of the Data Sheet

Supplier

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