



Data Sheet (DS) 7TM0317B

Issuing Date: 2020-05-18

Description	pT363-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/ 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 Ser363.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine363 (S363) is the primary phosphorylation site in a hierarchical phosphorylation cascade of the delta-opioid receptor (DOP). The pS363-DOP antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. S363 phosphorylation is a key regulator of DOP desensitization, β -arrestin recruitment and internalization. The pS363-DOP antibody can detect phosphorylated DOP in mouse brain in vivo. The pS363-DOP antibody can be used for detection of the subcellular location of phosphorylated DOP by immunocytochemistry.	
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/opioid-receptors/opioid-receptor-dop/53/ps363-dop-phospho-opioid-receptor-antibody?c=86 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US

Related Products

[HA-Tag, Anti-HA Epitope Tag Antibody](#)

[pS361-DOP \(phospho- \$\delta\$ -Opioid Receptor Antibody\)](#)

Details of the Supplier of the Data Sheet

Supplier

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