



**Data Sheet (DS) 7TM0320C**

**Issuing Date:** 2020-05-18

Description	pT362/pS363-NOP (phospho-Nociceptin/Orphanin FQ Receptor 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, Mouse, Rat	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Nociceptin/Orphanin FQ 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 NOP around the phosphorylation site of Thr362/Ser363.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine362/Serine363 (T362/S363) is a major phosphorylation site of the nociceptin/orphanin FQ peptide receptor (NFQ receptor, NOP). The pT362/pS363-NOP antibody detects phosphorylation in response to agonists but not after PKC activation. T362/S363 phosphorylation is a key regulator of NOP desensitization, β-arrestin recruitment and internalization. The pT362/pS363-NOP antibody can detect phosphorylated MOP in mouse brain in vivo.	
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/opioid-receptors/nofq-receptor-nop/39/pt362/ps363-nop-phospho-nociceptin/orphanin-fq-receptor-antibody?c=86">https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/opioid-receptors/nofq-receptor-nop/39/pt362/ps363-nop-phospho-nociceptin/orphanin-fq-receptor-antibody?c=86</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>

### **Related Products**

[pS346-NOP \(phospho-Nociceptin/Orphanin FQ Receptor Antibody\)](#)

[pS351-NOP \(phospho-Nociceptin/Orphanin FQ Receptor Antibody\)](#)

[NOP \(non,phospho\), Nociceptin/Orphanin FQ Receptor Antibody](#)

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

#### **Supplier**

7TM Antibodies GmbH

Hans-Knöll-Str. 6

07745 Jena – Germany

TEL: ++49 151 20130575

FAX: ++49 3641 241 49 58

Email: [info@7tmantibodies.com](mailto:info@7tmantibodies.com)

Website: [7tmantibodies.com](http://7tmantibodies.com)