



Data Sheet (DS) 7TM0318B

Issuing Date: 2020-05-18

Description	pT363-KOP (phospho-κ-Opioid 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:				
		<table border="1"> <thead> <tr> <th></th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>Western Blot</td> <td>1:1000</td> </tr> </tbody> </table>		Dilution	Western Blot
	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 κ-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 KOP around the phosphorylation site of Thr363.				
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide				
Specificity	Threonine363 is a major phosphorylation site of the kappa-opioid receptor (KOP). The pT363-KOP antibody detects phosphorylation in response to high-efficacy agonists. T363 phosphorylation is a key regulator of KOP 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	Material Safety Data Sheet documentation is available at https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/opioid-				

Information	receptors/k-opioid-receptor-kop/42/pt363-kop-phospho-k-opioid-receptor-antibody?c=86 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pS356/pT357-KOP \(phospho-κ-Opioid Receptor Antibody\)](#)

[KOP \(non-phospho\), κ-Opioid Receptor Antibody](#)

Details of the Supplier of the Data Sheet

Supplier

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