



**Data Sheet (DS) 7TM0216A**

**Issuing Date:** 2022-12-01

Description	pS257/pT262-D3 (phospho-Dopamine Receptor 3 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
	<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 <a href="https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/">https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</a></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	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Dopamine Receptor 3 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 D3 around the phosphorylation site of Ser257/pT262.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine257/Threonine262 (S257/T262) is a major phosphorylation site of the D3 dopamine receptor. The pS257/pT262-D3 antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. S262/T262 phosphorylation is a key regulator of D3 desensitization, $\beta$ -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 <a href="https://7tmantibodies.com/phosphosite-7tm-antibodies/dopamine-receptors/d3/376/ps257/pt262-d3-phospho-dopamine-receptor-3-antibody?c=813">https://7tmantibodies.com/phosphosite-7tm-antibodies/dopamine-receptors/d3/376/ps257/pt262-d3-phospho-dopamine-receptor-3-antibody?c=813</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>
-------------------------------	---

### **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)