



Data Sheet (DS) 7TM0215N-IC

Issuing Date: 2024-08-22

Description	D2 (IHC-grade), Dopamine Receptor 2 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
	Immunohistochemistry	1:100
	<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 D2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.	
Immunogen	A synthetic peptide presents carboxyl-terminal tail of human D2.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	The D2 receptor antibody is directed against the third intracellular loop of mouse, rat and human D2 dopamine receptor. It detects both the long and short form of D2. It can be used to detect total D2 receptors in Western blots independent of phosphorylation. The D2 antibody can also be used to isolate and enrich D2 receptors from brain lysates. It also detects D2 in cultured cells and tissue sections by immunohistochemistry.	
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/7tm-immuno-grade-antibodies/human-7tm-receptors/d2/84/d2-ihc-grade-dopamine-receptor-2-antibody?c=102 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pT317/pS318-D2 \(phospho-Dopamine Receptor 2 Antibody\)](#)

Details of the Supplier of the Data Sheet

Supplier

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