



**Data Sheet (DS) 7TM0360A-IC**

**Issuing Date:** 2025-02-28

Description	pT344/pS347-NK1 (IHC-grade) phospho-Tachykinin Receptor 1 Antibody
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	300 µl

**Product Details**

Applications	This product has been reported to work in the following applications:	
		Dilution
	Western Blot	1:1000
	Immunohistochemistry	1:100
	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	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Tachykinin Receptor 1 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 NK1 around the phosphorylation site Thr344/Ser347.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine344/Serine347 (T344/S347) is a major phosphorylation site of the NK1 receptor. The pT344/pS347-NK1 antibody detects phosphorylation in response to high-efficacy agonists. T344/S347 phosphorylation is a key regulator of NK1 desensitization, β-arrestin recruitment and internalization. pT344/pS347-antibody can detect phosphorylated NK1 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/phosphosite-7tm-antibodies/tachykinin-receptors/nk1/703/pt344/ps347-nk1-ihc-grade-phospho-tachykinin-receptor-1-antibody?c=547">https://7tmantibodies.com/phosphosite-7tm-antibodies/tachykinin-receptors/nk1/703/pt344/ps347-nk1-ihc-grade-phospho-tachykinin-receptor-1-antibody?c=547</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>

### **Related Products**

[pT356/pT357-NK1 \(phospho-Tachykinin Receptor 1 Antibody\)](#)

[pS338/pT339-NK1 \(phospho-Tachykinin Receptor 1 Antibody\)](#)

[NK1 \(IHC-grade\) Tachykinin Receptor 1 Antibody](#)

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

#### **Supplier**

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