



Data Sheet (DS) 7TM0080-SP

Issuing Date: 2024-09-13

Description	ACKR3 Sample Pack (phospho- and non-phospho-Atypical Chemokine Receptor 3 Antibodies)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	4 x 20 µl
Contents	ACKR3 Sample Pack consisting of all four available phospho- and non-phospho-Atypical Chemokine Receptor 3 Antibodies 4 x 20 µL trial size each. Specifically, this sample pack contains the following antibodies pS350/pT352-ACKR3 (7TM0080A), pS355/pS360-ACKR3 (7TM0080B), ACKR3 (non-phos, C-Term) (7TM0080N) and ACKR3 (non-phos, N-Term) (7TM0080N2)

Product Details

Applications	This product has been reported to work in the following applications:	
	Western Blot	Dilution 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 https://7mantibodies.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.	
Target Species	Human, Mouse, Rat	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Atypical Chemokine Receptor 3 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.	
Immunogens	Synthetic phosphopeptides derived from human ACKR3 around the phosphorylation sites of Ser350/Thr352 or Ser355/Ser360. Synthetic peptides presents part of carboxyl-terminal tail or amino-terminal tail which are identical in human, mouse and rat ACKR3.	

Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide
Specificity	<p>Serine350/Threonine352 (S350/T352) is major phosphorylation site of the Atypical Chemokine Receptor 3 (ACKR3, previously called CXCR7). The pS350/pT352-ACKR3 antibody detects phosphorylation in response to agonists and after PKC activation. S350/T352 phosphorylation is required for efficient ligand sequestration by ACKR3.</p> <p>Serine355/Serine360 (S355/S360) is major phosphorylation site of the Atypical Chemokine Receptor 3 (ACKR3, previously called CXCR7). The pS355/pS360-ACKR3 antibody detects phosphorylation in response to agonists. S355/S360 phosphorylation is required for efficient ligand sequestration by ACKR3.</p> <p>The non-phospho-ACKR3 receptor antibody is directed against the carboxyl-terminal tail of mouse, rat and human ACKR3/CXCR7. It can be used to detect total ACKR3 receptors in Western blots independent of phosphorylation. The non-phospho-ACKR3 antibody can also be used to isolate and enrich ACKR3 receptors from cell and tissue lysates.</p> <p>The non-phospho-ACKR3 receptor antibody is directed against the amino-terminal tail of mouse, rat and human ACKR3/CXCR7. It can be used to detect total ACKR3 receptors in Western blots independent of phosphorylation. The non-phospho-ACKR3 antibody can also be used to isolate and enrich ACKR3 receptors from cell and tissue lysates.</p>
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	<p>Material Safety Data Sheet documentation is available at https://7tmantibodies.com/phosphosite-7tm-antibodies/chemokine-receptors/ackr3cxcr7/422/ackr3-sample-pack-phospho-and-non-phospho-atypical-chemokine-receptor-3-antibodies?c=80 in the downloads section as:</p> <p>Safety Data Sheet EU</p> <p>Safety Data Sheet US</p>

Details of the Supplier of the Data Sheet

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