



Rabbit antibody to Neurokinin-3 Receptor (434-452): whole serum

Catalogue No.:	R-103-100
Description:	FUNCTION: This is a receptor for the tachykinin neuropeptide neuromedin K (neurokinin B). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. SUBCELLULAR LOCATION: Membrane; multi-pass membrane protein. PTM: The anchoring of this receptor to the plasma membrane is probably mediated by the palmitoylation of a cysteine residue. MISCELLANEOUS: The rank order of affinity of this receptor to tachykinins is: neuromedin K > substance K > substance P. SIMILARITY: Belongs to the G-protein coupled receptor 1 family.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	A synthetic peptide (ASTTSSF ISSPYTSVDE YS) corresponding to the absolute C-terminal of rat NK-3 receptor protein (aa: 434-452) conjugated to KLH
Other Names:	Neuromedin K receptor; NKR; Neurokinin B receptor; NK-3 receptor; NK-3R; Tachykinin receptor 3; Tacr3; Tac3r
Accession:	NK3R_RAT
Produced in:	Rabbit
Purity:	Whole serum
Applications:	WB. A dilution of 1:500 to 1:2000 is recommended. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been shown by western blot using rat brain homogenate. A band of 66 kDa, the theoretical MW of NK-3R, could be easily detected.
Cross-reactivity:	This antiserum is known to cross react with rat NK-3 R.
Form:	Lyophilised
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
References:	Mileusnic, D. et al. (1999). Neuroscience. 89(4): 1269.

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