www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Neurokinin-3 Receptor (NK-3R) Antibody

Product Details

Available Variants	100 µL (SKU:R-103-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Applications	WB
Dilution Ranges	WB: 1:500-1:2000
Species Reactivity	Rat
Immunogen	A synthetic peptide (ASTTSSF ISSPYTSVDE YS) corresponding to the absolute C-terminal of rat NK-3 receptor protein (aa: 434-452) conjugated to KLH
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. This antiserum is know to cross react with rat NK-3 R.
Molecular Weight	66 kDa
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
UniProt ID	P16177 UniProt Summary: Receptor for the tachykinin neuromedin-K (neurokinin B), also able to bind and respond to tachynins substance K/neurokinin A and substance P. The rank order of affinity of this receptor to tachykinins is: neuromedin-K > substance K and substance P. Neuromedin-K binding to its

	receptor triggers G protein-coupled receptor signaling via activation of G(q) and phosphatidylinositol hydrolysis by phospholipase C. Neuromedin-K binding also triggers signaling via activation of adenylate cyclase activity which results in increased intracellular levels of cyclic AMP (cAMP).
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	24808

Product Images



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