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NK2R Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15307

Product Information

Application	WB
Primary Accession	P21452
Other Accession	NP_001048
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44442

Additional Information

Gene ID	6865
Alias Symbol	TACR2, NK2R, NKNAR, TAC2R,
Other Names	Substance-K receptor, SKR, NK-2 receptor, NK-2R, Neurokinin A receptor, Tachykinin receptor 2, TACR2, NK2R, NKNAR, TAC2R
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-NK2R antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	NK2R Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

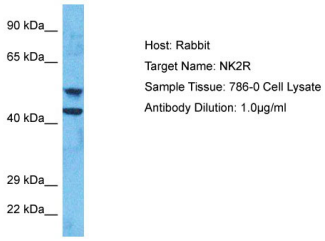
Name	TACR2
Synonyms	NK2R, NKNAR, TAC2R
Function	This is a receptor for the tachykinin neuropeptide substance K (neurokinin A) (PubMed:1659297, PubMed:1848773). Is also able to bind and respond to tachynins substance P and neurokinin B/neuromedin-K (By similarity). The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance P (By similarity). Substance K binding to its receptor triggers G protein-coupled receptor signaling via activation of G(q) and phosphatidylinositol hydrolysis by phospholipase C (PubMed:7957923, PubMed:35882833). Substance K binding also triggers signaling via activation

	of adenylate cyclase activity which results in increased intracellular levels of cyclic AMP (cAMP) (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein

References

Gerard N.P.,et al.J. Biol. Chem. 265:20455-20462(1990).
Gerard N.P.,et al.J. Biol. Chem. 266:1354-1354(1991).
Gerard N.P.,et al.Ann. N. Y. Acad. Sci. 632:389-390(1991).
Cyr C.,et al.Ann. N. Y. Acad. Sci. 632:426-427(1991).
Graham A.,et al.Biochem. Biophys. Res. Commun. 177:8-16(1991).

Images



Host: Rabbit
Target Name: NK2R
Sample Tissue: 786-0 Whole Cell lysates
Antibody Dilution: 1µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.