#70659 Store at -20C

P2X4 Receptor (D9R1H) Rabbit



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: F WB	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 62	Source/Isotype: Rabbit IgG	UniProt ID: #Q99571	Entrez-Gene Id 5025	
Product Usage Information	Ар	plication			Dilution		
	We	stern Blotting		1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity / Sensitiv	ity P2X	P2X4 Receptor (D9R1H) Rabbit mAb recognizes endogenous levels of total P2X4 receptor protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro120 of human P2X4 receptor protein.					
Background	infla gene simi P2X dom glyc perij hem P2X char strer that	mmation, afferent ses (P2RX1-P2RX7) lar protein domain subunit is compostains, and a large eleosylation sites (2). In the subunit is compostains, and a large eleosylation sites (2). In the subunit is the subunit is for monovalement is for monovalement through participe P2X4 receptor expection to cardiac missis (P2X4 receptor expection to cardiac missis (P2X4 receptor expection to cardiac missis (P2X4 receptor expection to cardiac missis (P2RX1-P2	sensory signaling encode for indivistructure, but can ed of amino- and atracellular loop to P2X receptors and em neurons and 1). EX4) trimers are ent and divalent capation in the form ression may play yocytes during he	ion channels involved ir, and sympathetic motor idual receptor protein su differ in overall protein learness that contains ten evenly se found in a variety of ceglial cells, autonomic an expressed at the cell surfations (3). P2X4 receptor a role in influencing alcount in a respective failure (6,7). Additioninjury associated neuropidual in interest and sympassic in interest and sympassic	nerve activity. Seven abunits (1). All P2X sublength from 384 to 595 cellular domains, two transpaced cysteines and titypes and tissues, in a sensory neurons, but face where they act as a contribute to regular titation (4,5). Research ohol-drinking behavior all studies show that research and studies show that	different vertebrate bunit proteins share 5 amino acids. Each ansmembrane multiple ncluding central and one, muscle, and s ligand-gated ion tion of synaptic h studies indicate r and conferring	
Background Referen	2. Vá 3. Al 4. Fú 5. Si 6. Fú 7. Yá	ujii, S. (2004) <i>J Pha</i> m, J.A. et al. (2006 ranklin, K.M. et al. (ang, T. et al. (2014)	4) Nature 371, 51 al. (2009) Trends urmacol Sci 94, 10) J Neurosci 26, 2014) Front Neur Circ Heart Fail 7	1, 516-9. ends Neurosci 32, 19-29. 94, 103-6. i 26, 9006-9. Neurosci 8, 176.			

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

WB: Western Blotting

Cross-Reactivity Key

H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse

GP: Guinea Pig Rab: rabbit All: all species expected

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1/1/24, 1:07 PM **Limited Uses**

P2X4 Receptor (D9R1H) Rabbit mAb (#70659) Datasheet Without Images Cell Signaling Technology

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