ក្ខុខ្លុំ Trk (pan) (A7H6R) Rabbit mAb





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Applications: W, W-S, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 120-140	Source/Isotype: Rabbit IgG	UniProt ID: #P04629, #Q16288, #Q16620	Entrez-Gene Id: 4914, 4916, 4915	
Product Usage Information		Application Western Blotting Simple Western™ Immunoprecipitation			Dilution 1:1000 1:10 - 1:50 1:50		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity/Sensitivity		Trk (pan) (A7H6R) Rabbit mAb detects endogenous levels of total Trk protein. This antibody detects TrkA, TrkB and TrkC. However, the antibody may perferentially detect TrkA over TrkB and TrkB over TrkC.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide surrounding Tyr791 of human TrkA.					
Background		The family of Trk recep family members is higl by BDNF or NT4, and T number of physiologic and dendrite growth a synaptic strength and maturation of the nerv activation of the Ras-N phosphorylation at the chromosomal rearrang activation of TrkA (7-10 thyroid carcinomas (8- a good prognostic man neural crest (10).	hly conserved, they rkC by NT3 (1). Net al processes, such nd patterning (1). I plasticity. TrkA reg rous system (2). Ph IAP kinase cascade ese sites reflects Tr gements (chimeras I). TrkA is activated 13). Research stud	y are activated by diffe urotrophin signaling th as cell survival, prolife (in the adult nervous sy ulates proliferation and osphorylation at Tyr49 (3,4). Residues Tyr674 kA kinase activity (3-6). cause ligand-indeper in many malignancies ies suggest that expres	rent neurotrophins: Trl arough these receptors ration, neural developr rstem, the Trk receptor d is important for deve 0 is required for Shc as /675 lie within the cata Point mutations, delet indent receptor dimeriz including breast, ovar ssion of TrkA in neurob	kA by NGF, TrkB regulates a ment, and axon s regulate lopment and sociation and lytic domain, and cions, and ation and ian, prostate, and lastomas may be	
Background Re	ferences	1. Huang, E.J. and Reicl 2. Segal, R.A. and Gree 3. Stephens, R.M. et al. 4. Marsh, H.N. et al. (20 5. Obermeier, A. et al. (6. Obermeier, A. et al. (7. Arevalo, J.C. et al. (20 8. Reuther, G.W. et al. (1997 10. Pierotti, M.A. and G 11. Lagadec, C. et al. (20 12. Greco, A. et al. (201 13. Ødegaard, E. et al.	nberg, M.E. (1996) (1994) <i>Neuron</i> 12, 203) <i>J Cell Biol</i> 163, (1993) <i>EMBO J</i> 12, 9 (1994) <i>EMBO J</i> 13, 1 201) <i>Oncogene</i> 20, 2000) <i>Mol Cell Biol</i> (2000) <i>Mol Cell Biol</i> (2009) <i>Oncogene</i> 28 (2009) <i>Oncogene</i> 28 (2009) <i>Oncogene</i> 28 (2009) <i>Oncogene</i> 28 (2009) <i>Oncogene</i> 28	Annu Rev Neurosci 19 691-705. 999-1010. 933-41. 585-90. 1229-34. 20, 8655-66. <i>omes Cancer</i> 19, 112-23 <i>incer Lett</i> 232, 90-8. 5, 1960-70. <i>inol</i> 321, 44-9.	, 463-89.		
Species Reactiv	vity	Species reactivity is de	termined by testin	g in at least one appro	ved application (e.g., w	vestern blot).	
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key		W: Western Blotting W-S: Simple Western™ IP: Immunoprecipitation					

Cross-Reactivity Key	H: Human M: Mouse R: Rat			
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