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Cool2/αPix (C23D2) Rabbit mAb

Applications: WB, IF-IC	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 87	Source/Isotype: Rabbit	UniProt ID: #Q15052	Entrez-Gene Id: 9459
Product Usage Information	W	pplication /estern Blotting nmunofluorescence (II	nmunocytochen	nistry)		Dilution 1:1000 1:400
Storage				7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than
Specificity / Sensit	t ivity Co	ool2/αPix (C23D2) Rat	bit mAb detects	endogenous levels of t	otal Cool2/αPix protei	n.
Species predicted react based on 100 sequence homolog	0%	ıt, Dog				
Source / Purification		phoclonal antibody is p sidues near the carbox		nunizing animals with a s uman Cool2/αPix.	synthetic peptide corre	esponding to
Background	adl var doi doi X-c inc Co doi Wh as occ Fu	hesions. The family co riants that vary in their main, which allows bir main (2). chromosomal genes n cluding the gene enco ool2/αPix interacts with wnstream of integrin-l nen Cool2αPix exists a a GEF for both Rac a curs at least in part the	onsists of two iso carboxy termini nding of small G nutated in nonsp ding Cool2/αPix, n β-parvin/affixin inked kinase (ILI as a dimer, it fun nd Cdc42. Regu rough p21 activa 2 enhances the	anine nucleotide excha oforms, cool2/αPix and c i (1). Cool2/αPix, like oth TPases and GDP/GTP e recific mental retardation thought to be involved in , a protein involved in in K) to regulate actin reorg citions as a Rac-specific lation of Cool2/αPix dim ated kinase (PAK) in res Rac GEF activity of the	cool1/βPix, the latter h her GEFs, has a DH (I exchange, and a PH (n (MRX) comprise a fa in mental retardation (tegrin signaling (5), ar ganization and cell spi c GEF, whereas the m herization, and therefo ponse to extracellular	aving two splice Dbl homology) Pleckstrin homology) amily of genes, (3,4). nd may act reading (6). onomeric protein acts re its specificity, signaling (7).
Background Refer	2. 3. 4. 5. 6. 7.	Kutsche, K. et al. (200	A. (2001) Cytoge (0) Nat Genet 26 (1, J. (2001) Am J (2003) Hum Mc (2005) Oncogene EMBO J 23, 349	enet Cell Genet 95, 196- 5, 247-50. 7 Med Genet 100, 43-8. 6/ Genet 12, 155-67. 6 24, 5837-49. 92-504.	201.	
Species Reactivity	y Spe	ecies reactivity is deter	rmined by testing	g in at least one approve	ed application (e.g., w	estern blot).
Western Blot Buffe		PORTANT: For western % Tween® 20 at 4°C v	,	membrane with diluted ing, overnight.	primary antibody in 5 ⁰	% w/v BSA, 1X TBS,
Applications Key Cross-Reactivity K		3: Western Blotting IF	-IC: Immunofluo	rescence (Immunocytoc	hemistry)	

1/1/24, 12:59 PM	Cool2/αPix (C23D2) Rabbit mAb (#4573) Datasheet Without Images Cell Signaling Technology 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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