e at -20C	ARP3 Antibody				
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com		
8		Support:	877-678-TECH (8324)		
4738		Web:	info@cellsignal.com cellsignal.com		
#		3 Trask Lane Danvers Mas	ssachusetts 01923 USA		

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

Applications: WB	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 47	Source: Rabbit	UniProt ID: #P61158	Entrez-Gene Id: 10096			
Product Usage Information	-	plication stern Blotting			Dilution 1:1000				
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.							
Specificity / Sensiti		ARP3 Antibody detects endogenous levels of total ARP3 protein. The antibody does not cross-react with endogenous levels of total ARP2 protein.							
Source / Purificatio	amir	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the amino terminus of human ARP3. Antibodies are purified using protein A and peptide affinity chromatography.							
Background	struc com com activ pode com pode	cture during cell mot plex is the highly co plex promotes brand vation by nucleation- osomes, small cellul plex action. ARP2/3 osome formation (2)	ility, division, and in nserved ARP2/3 co ching of an existing promoting factors, ar projections that competes with cal . Along with N-WA	ntracellular traffickin omplex, consisting o g actin filament and f such as WASP/WA degrade the extrace desmon, an actin bi	ting filaments, affects ar g. An important actin nu f ARP2, ARP3, and ARF formation of a daughter VE or cortactin (1). The ellular matrix, is enhance nding protein shown to r plex regulates nuclear a n (3).	cleation protein PC1-5. The ARP2/3 filament following formation of ed by ARP2/3 negatively affect			
Background Refere	2. M	oley, E.D. and Welcl orita, T. et al. (2007) oo, Y. et al. (2007) <i>J.</i>	J. Biol. Chem. 28		7, 713-726.				
Species Reactivity	Spec	Species reactivity is determined by testing in at least one approved application (e.g., western blot).							
Western Blot Buffe		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	WB:	WB: Western Blotting							
Cross-Reactivity Ke	X: Xe		B: bovine Dg: dog	Pg: pig Sc: S. cere	Mi: mink C: chicken Dr visiae Ce: C. elegans H				
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ARP3 Antibody (#4738) Datasheet Without Images Cell Signaling Technology

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