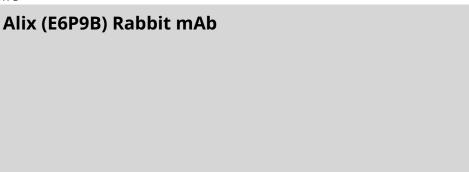
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Applications: W, IP, IF-IC	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 90-100	Source/Isotype: Rabbit IgG	UniProt ID: #Q8WUM4	Entrez-Gene Id: 10015		
Product Usage Application Information Western Blotting Immunoprecipitation Immunofluorescence (Immunofluorescence (Immunof		(Immunocytochem	Dilution 1:1000 1:50 1:400 - 1:800					
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/Sen	sitivity	Alix (E6P9B) Rabbit mAb recognizes endogenous levels of total Alix protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro346 of human Alix protein.						
BackgroundAlix, a phylogenetically conserved cytosolic scaffold protein, contains an coiled-coil region and a C-terminal proline-rich domain (1,2). Originally i (apoptosis-linked gene 2)-interacting protein involved in programmed c regulates many other cellular processes, such as endocytic membrane t through interactions with ESCRT (endosomal sorting complex required f endophilins, and CIN85 (Cbl-interacting protein of 85 kDa) (5,6). Alix has also been shown to be involved in the biogenesis of exosomes, contribute to cell signaling (7, 8). In addition, Alix interacts with Atg12-A endosomal fusion (9)				inally identified as a med cell death (3,4 prane trafficking an uired for transport omes, small secreto	an ALG-2 I), Alix also d cell adhesion) proteins, ed vesicles that			
Background R	eferences	 Mattei, S. et al. (2006) <i>Eur. J. Cell Biol.</i> 85, 925-936. Odorizzi, G. (2006) <i>J. Cell Sci.</i> 119, 3025-3032. Vito, P. et al. (1999) <i>J. Biol. Chem.</i> 274, 1533-1540. Missotten, M. et al. (1999) <i>Cell Death Differ.</i> 6, 124-129. Katoh, K. et al. (2003) <i>J. Biol. Chem.</i> 278, 39104-39113. Sadoul, R. (2006) <i>Biol. Cell</i> 98, 69-77. Baietti, M.F. et al. (2012) <i>Nat Cell Biol</i> 14, 677-85. Chatellard-Causse, C. et al. (2002) <i>J Biol Chem</i> 277, 29108-15. Murrow, L. et al. (2015) <i>Nat Cell Biol</i> 17, 300-10. 						
Species Reacti	vity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).						
Western Blot E	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 K	ey	W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)						
Cross-Reactivi	ty Key	H: Human M: Mouse R: Rat						
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