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

α-Parvin (D7F9) XP<sup>®</sup> Rabbit mAb (Sepharose<sup>®</sup> Bead Conjugate)

Applications: IP	Reactivity: H M R Mk Dg	Sensitivity: Endogenous	<b>MW (kDa):</b> 43	Source/Isotype: Rabbit IgG	UniProt ID: #Q9NVD7	Entrez-Gene Id: 55742
Product Usage Information		Application Immunoprecipitation		Dilution 1:20		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol. Store at –20 Do not aliquot the antibodies.			erol. Store at –20°C.	
Specificity / Sensi		α-Parvin (D7F9) XP <sup>®</sup> Rabbit mAb (Sepharose <sup>®</sup> Bead Conjugate) recognizes endogenous levels of total parvin protein.			ous levels of total α-	
Source / Purificati		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human $\alpha$ -parvin protein.				esponding to
Product Descriptio	hydro Beac	This Cell Signaling Technology antibody is immobilized via covalent binding of primary amino groups to N- hydroxysuccinimide (NHS)-activated Sepharose <sup>®</sup> beads. $\alpha$ -Parvin (D7F9) XP <sup>®</sup> Rabbit mAb (Sepharose <sup>®</sup> Bead Conjugate) is useful for the immunoprecipitation of $\alpha$ -Parvin. The antibody is expected to exhibit the same species cross-reactivity as the unconjugated $\alpha$ -Parvin (D7F9) XP <sup>®</sup> Rabbit mAb #8190.				
MW (kDa)					43	
Background	mam prolif heter and t The I ECM regul bindi (integ as a regul The p parvi parvi regul GTP	malian organs and eration, migration, rodimeric integral r herefore the cell s LK/PINCH/Parvin contact as pre-as ate formation of fo ng domains allowin grin-linked kinase) kinase <i>in vivo</i> . Rol ation of gene expr parvin family consi n are expressed u n binds to f-actin b ates cell spreading	I tissues. Controll survival, polarity, nembrane protein ignaling machiner (IPP) complex is sembled structure cal adhesions and ng them to functio also has a catalyt es for IPP protein ession (2,3). sts of 3 members biquitously, while oth directly and v g and motility thro ein CdGAP (7). P	lex structure of secrete ed interactions betweer and differentiation. Cell s called integrins. Integ y, through protein comp composed of three high es. The IPP acts at the i d integrin signaling. All t n as adaptor proteins ir ic (protein Ser/Thr kina s outside of the IPP cor , α-parvin/actopaxin, β- expression of y-parvin i ia interaction with the for ugh interactions with the for ugh interactions with the hosphorylation of α-par ell cycle (8).	a cells and the ECM ar is contact the ECM pri- rins connect the ECM plexes called focal adh ly conserved proteins interface of the integrir three proteins contain in the formation of foca se) domain, and may inplex have been prop parvin/affixin, and y-pa s restricted to hemato ocal adhesion protein p e cofilin kinase TESK1	re important in marily through to the cytoskeleton, nesions (1). recruited to sites of n/actin connection to multiple protein I adhesions. ILK or may not function osed, including arvin. α-parvin and β- poietic cells (4). α- paxillin (5). α-parvin L (6), and with the
Background Refer	2. Le 3. Wi 4. Ko 5. Nil 6. La 7. La	u, C. (2004) <i>Biochi</i> renbaum, E. et al.	006) Nat Rev Mol m Biophys Acta 1 (2001) Gene 279 nd Turner, C.E. (2 (2005) J Biol Cher (2006) Curr Biol 1	Cell Biol 7, 20-31. 692, 55-62. , 69-79. 000) J Cell Biol 151, 14 n 280, 21680-8. 6, 1375-85.	35-48.	

**Species Reactivity** 

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

1/1/24, 11:57 AM α-Parvi Applications Key	n (D7F9) XP® Rabbit mAb (Sepharose® Bead Conjugate) (#12591) Datasheet Without Images Cell IP: Immunoprecipitation
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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