e at -20C	DDX5 (D15E10) XP [®] Rabbit mAb		ell Signaling
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com
77		Support:	877-678-TECH (8324)
#9877		Web:	info@cellsignal.com cellsignal.com
#		3 Trask Lane Danvers M	assachusetts 01923 USA

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

Applications: WB, IP, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 68	Source/Isotype: Rabbit IgG	UniProt ID: #P17844	Entrez-Gene Id: 1655
Product Usage	Ар	plication				Dilution
Information	We	estern Blotting				1:1000
	Imr	nunoprecipitation				1:50
	Imr	nunofluorescence (I	Immunocytochen	nistry)		1:100
Storage				7.5), 150 mM NaCl, 100 o not aliquot the antibody		cerol and less than
Specificity / Sensitiv	vity DD>	<5 (D15E10) XP [®] R	abbit mAb recogi	nizes endogenous level	s of total DDX5 protei	n.
Species predicted to react based on 1009 sequence homology	6	ine, Horse				
Source / Purification		noclonal antibody is dues surrounding Se		nunizing animals with a s DDX5 protein.	synthetic peptide corr	esponding to
Background	simi RNA func helic miR inter dive role indu stim GSK	larity to translation i A helicases, defined tion primarily in the case activity (2) and NA and rRNA proce ract with HDAC1, wi rse group of protein for DDX5 in a multi uced epithelial mese ulation was shown t	nitiation factor el by the presence regulation of RN has been identif essing (3,4). DDX here it can regula is, including Rum tude of developm chymal transition to displace Axin f t-independent nu	nown as p68, was first in F-4A (1). DDX5 is a mer of a conserved DEAD (A secondary structure. I ied as a critical subunit may also regulate mRN ate promoter-specific tra k2, p53, Smad3, CBP, a nental processes. Notab n (EMT). Phosphorylatio rom β-catenin; this prev clear translocation of β-	mber of the DEAD bo Asp-Glu-Ala-Asp) mo DDX5 exhibits ATP-de of the DROSHA comp IA splicing (5) and ha nscription (6). DDX5 i nd p300 (7-10), sugge ly, DDX5 may be invo n of DDX5 at Tyr593 i ented phosphorylatio	x family of putative tif that appears to ependent RNA olex that regulates s been shown to interacts with a esting an important olved in growth factor- following PDGF n of β-catenin by
Background Refere	2. H 3. Fu 4. D 5. C 6. W 7. Je 8. B 9. W 10. R 11. Ya 12. Ya		 Ature 339, 56 Nature 339, 56 Nat Cell Biol 9 Nature 454, 5 PLoS ONE 3 PLOS ONE 3 BMC Mol Bio BMC Mol Bio EMBO J 24, 5 EMBO J 24, 5 Biochem Binknecht, R. (2003) Cell 127, 139-55 J Biol Chem 282 	52-4. 664-11. 66-61. 7 e2926. 6/ 5, 11. 7 em 103, 1438-51. 643-53. 8) Oncogene 22, 151-6. 6. 2, 16811-9.	4, 70-6.	

Species Reactivity

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

Western Blot Buffer

3/9/24, 11:33 AM	DDX5 (D15E10) XP® Rabbit mAb (#9877) Datasheet Without Images Cell Signaling Technology 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: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)			
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 			
Trademarks and Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. XP is a registered trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.			
Limited Uses	Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.			
	Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.			