Store at -20C

Caveolin-1 (D46G3) XP® Rabbit



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Applications: WB, IP, IHC-P, IF-F, IF- IC, FC-FP	Reactivity: H M R Hm Mk B Dg	Sensitivity: Endogenous	MW (kDa): 21, 24	Source/Isotype: Rabbit IgG	UniProt ID: #Q03135	Entrez-Gene lo 857	
Product Usage Information	Арр	Application			Dilution		
	Wes	Western Blotting				1:1000	
	Imm	Immunoprecipitation				1:200	
	Imm	Immunohistochemistry (Paraffin)				1:400 - 1:1600	
	Imm	unofluorescence (Frozen)	1:1600 - 1:3200			
	Imm	unofluorescence (Immunocytochen	1:200 - 1:800			
	Flov	Flow Cytometry (Fixed/Permeabilized)			1:200 - 1:800		
Storage	• •	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
	For a	For a carrier free (BSA and azide free) version of this product see product #44989.					
Specificity / Sensit	t ivity Cave	Caveolin-1 (D46G3) XP [®] Rabbit mAb detects endogenous levels of total caveolin-1 protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Glu20 of human caveolin-1.					
Background	chole caver form in div apop signa eNO: trans conta	esterol/sphingolipid olin family (caveoli hetero- and homo- terse biological fun tosis, and are also ding molecules, su S (1,2). It is believe duction. Phosphor	ctural components of the in caveolae. Three medifferent tissue distributed of the lipids (1). Caveoliesterol homeostasis, et (2). Caveolins interactors, PKCs, Src family the term of the integration association with SH2 or at Ser80 regulates of the integral of the integration at Ser80 regulates of the integral of the integration at Ser80 regulates of the integral o	embers of the utions. Caveolins veolins are involved cell adhesion, and the with multiple the yrosine kinases, and of signal r PTB domain-			
Background Refer	2. Sm 3. No 4. Vo 5. Le	1. Okamoto, T. et al. (1998) <i>J Biol Chem</i> 273, 5419-22. 2. Smart, E.J. et al. (1999) <i>Mol Cell Biol</i> 19, 7289-304. 3. Nomura, R. et al. (1999) <i>Mol. Biol. Cell</i> 10, 975-986. 4. Volonte, D. et al. (2001) <i>J. Biol. Chem.</i> 276, 8094-8103. 5. Lee, H. et al. (2000) <i>Mol Endocrinol</i> 14, 1750-75. 6. Schlegel, A. et al. (2001) <i>J Biol Chem</i> 276, 4398-408.					

Species Reactivity

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

Western Blot Buffer

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 IHC-P: Immunohistochemistry (Paraffin) IF-F: Immunofluorescence (Frozen) IF-IC: Immunofluorescence (Immunocytochemistry)

FC-FP: Flow Cytometry (Fixed/Permeabilized)

Cross-Reactivity Key

Caveolin-1 (D46G3) XP® Rabbit mAb (#3267) 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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