1/1/24, 1:19 PM Revision 1

CRABP1 (D5W9A) Rabbit mAb		Cell Signaling	
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	For Research Use Only. Not for Use in Diagnostic Procedures.							

Applications: WB	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 15	Source/Isotype: Rabbit IgG	UniProt ID: #P29762	Entrez-Gene Id: 1381	
Product Usage Information	-	plication estern Blotting			Dilution 1:1000		
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 / Sensi		CRABP1 (D5W9A) Rabbit mAb recognizes endogenous levels of total CRABP1 protein. This antibody does not cross-react with other intracellular lipid-binding protein family members, CRBP1 and CRBP2.					
Species predicted react based on 10 sequence homolo	0%	, Chicken, Bovine					
Source / Purificati				nunizing animals with a s nan CRABP1 protein.	synthetic peptide corre	esponding to	
Background	whi Intra 1 (C aqu hun mul in li grad of re	ch play a critical role acellularly, all-trans CRABP1) or cellular eous cytosolic comp nan CRABPs are 74 tiple species. Resea mb development (1) dients in the develop etinoic acid gradient	e in numerous ph retinoic acid is bo retinoic acid-bino partment. Belong % identical at the arch studies have , suggesting that ping limb bud. Alt s <i>in vivo</i> , researc	of biologically active lipop ysiological processes su und with high affinity to ling protein 2 (CRABP2) ing to the intracellular lip e protein level and each shown that knockout of CRABP1 plays a role in hough it remains unclea h studies have suggeste enzymes, thus blunting	ich as vision and emb either cellular retinoic , which aids in its solu oid-binding protein fam CRABP is highly cons <i>Crabp1</i> is not lethal b establishing retinoic r how CRABP1 may re ed that CRABP1 can e	ryonic development. acid-binding protein ubilization within the hily (iLBP), the served across but results in defects acid concentration egulate the formation enhance the activities	
Background Refe	2. F 3. B		<i>EMBO J</i> 16, 416 as, L.J. (1992) <i>J</i>		91.		
Species Reactivity	y Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	estern blot).	
Western Blot Buff		ORTANT: For weste 6 Tween® 20 at 4°C		membrane with diluted ing, overnight.	primary antibody in 5 ⁰	% w/v BSA, 1X TBS,	
Applications Key	WB	: Western Blotting					
Cross-Reactivity I	X : X		B: bovine Dg: d	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevi es expected		U	
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Limited Uses							

CRABP1 (D5W9A) Rabbit mAb (#13206) Datasheet Without Images Cell Signaling Technology

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