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anti-CHAD antibody (C-Term)



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Overview		
Quantity:	0.1 mg	
Target:	CHAD	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	Chondroadherin antibody was raised against a 17 amino acid peptide near the carboxy terminus of human Chondroadherin. The immunogen is located within the last 50 amino acids of Chondroadherin.	
Isotype:	IgG	
Specificity:	Chondroadherin antibody is human and mouse reactive. Chondroadherin antibody is predicted to not cross-react with CHADL protein.	
Purification:	Chondroadherin antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	CHAD	
Alternative Name:	Chondroadherin (CHAD Products)	
Background:	Chondroadherin, also known as CHAD or SLRR4A, belongs to the small leucine-rich	

	proteoglycan (SLRP) family and class IV subfamily and plays a significant role in the regulation	
	of chondrocyte growth and proliferation (1,2). It localizes to the extracellular matrix and	
	contains nine tandem leucine repeats as well as N-terminal and C-terminal leucine rich domains	
	(2-4). Chondroadherin is implicated in the adhesion of fibroblasts, osteoblasts and	
	chondrocytes, which is mediated by interactions with Integrin alpha2 beta1 (2,4,5).	
Molecular Weight:	Predicted: 38 kDa	
	Observed: 36 kDa	
Gene ID:	1101	
NCBI Accession:	NP_001258	
UniProt:	015335	
Application Details		
Application Notes:	Chondroadherin antibody can be used for detection of Chondroadherin by Western blot at 1 - 2	
	μ ,g/mL. Antibody can also be used for immunocytochemistry starting at 5 μ ,g/mL.	
	Antibody validated: Western Blot in mouse samples and Immunocytochemistry in mouse	
	samples. All other applications and species not yet tested.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Chondroadherin antibody is supplied in PBS containing 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C,4 °C	
Storage Comment:	Chondroadherin antibody can be stored at 4°C for three months and -20°C, stable for up to one	
	year.	