

Datasheet for ABIN6992175 **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
Conjugate:	This CHAD antibody is un-conjugated
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)

Target Details

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:	O15335

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.