

Datasheet for ABIN7440782  
**anti-CTNNA1 antibody (AA 2-228)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	CTNNA1
Binding Specificity:	AA 2-228
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Catenin Alpha 1 (CTNNA1)
Immunogen:	Recombinant Catenin Alpha 1 (CTNNA1) corresponding to Thr2~Cys228 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTNNA1. It has been selected for its ability to recognize CTNNA1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

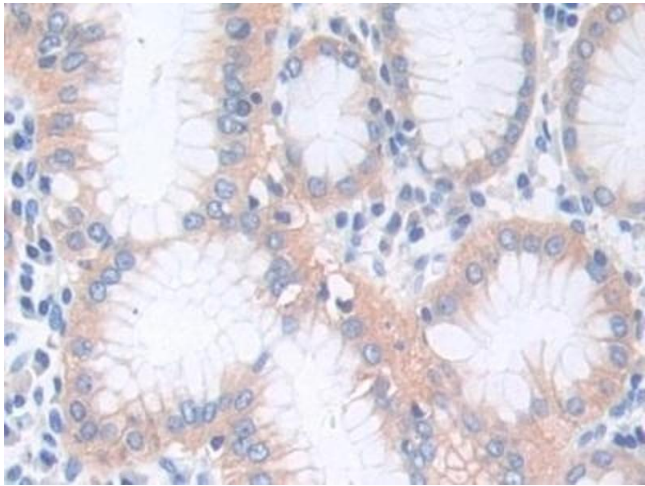
Target:	CTNNA1
Alternative Name:	Catenin Alpha 1 ( <a href="#">CTNNA1 Products</a> )
Background:	CTNN-A1, aCat, CAP102, Cadherin Associated Protein Alpha 1, Alpha E-catenin, Renal carcinoma antigen NY-REN-13
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

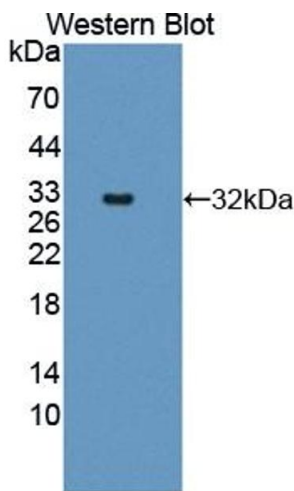
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



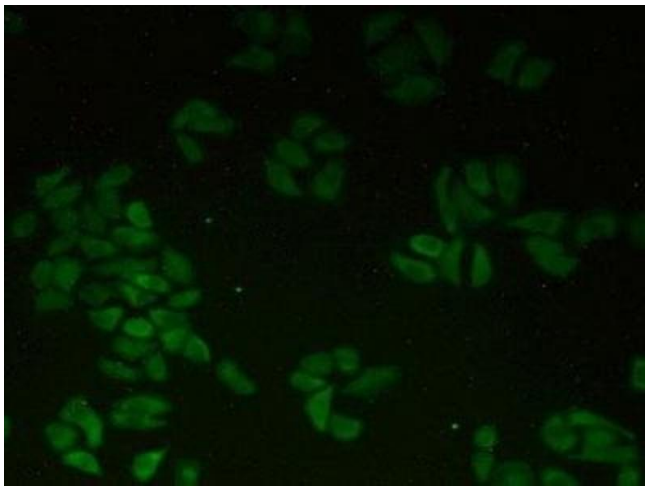
Immunohistochemistry

**Image 1.** Detection of CTNNA1 in Human Stomach Tissue using Polyclonal Antibody to Catenin Alpha 1 (CTNNA1)



Western Blotting

**Image 2.** Detection of Recombinant CTNNA1, Human using Polyclonal Antibody to Catenin Alpha 1 (CTNNA1)



Immunohistochemistry

**Image 3.** Detection of CTNNA1 in Human HeLa Cells using Polyclonal Antibody to Catenin Alpha 1 (CTNNA1)