

Datasheet for ABIN2784675

anti-CTNND1 antibody (N-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CTNND1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNND1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CTNND1
Sequence:	YPPDGYSRHY EDGYPGGSDN YGSLSRVTRI EERYRPSMEG YRAPSRQDVY
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 83%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 86%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CTNND1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CTNND1
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Target Details

Alternative Name:	CTNND1 (CTNND1 Products)
Background:	<p>This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of t</p> <p>Alias Symbols: CAS, CTNND, KIAA0384, P120CAS, P120CTN, p120, p120(CAS), p120(CTN)</p> <p>Protein Interaction Partner: KCTD6, UBC, AURKA, SUMO2, EGFR, MDM2, CDH1, BMI1, ATP4A, SOX2, MYC, ATF2, VCP, APP, ZBTB33, CSNK1E, CUL3, ARRB2, RIPK3, CDH2, SQSTM1, SNCA, WDR48, CDH24, ERBB2IP, YWHAG, GSK3B, CDH5, CTNND1, PTPRJ, MTNR1B, SRC, FER, PTPRM, PTPN6, JUP, CTTN, MUC1, GRIK2, C</p> <p>Protein Size: 832</p>
Molecular Weight:	93 kDa
Gene ID:	1500
NCBI Accession:	NM_001085468 , NP_001078937
UniProt:	O60716
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 832 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-CTNND1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500

Positive Control: COLO205 cell lysate

CTNND1 is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells

Western Blotting

Image 2. WB Suggested Anti-CTNND1 Antibody Titration:

0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: COLO205 cell lysate