



[Go to Product page](#)

Datasheet for ABIN6261097
anti-CTNND2 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	CTNND2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNND2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human CTNND2, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	CTNND2 Antibody detects endogenous levels of total CTNND2.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CTNND2
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Target Details

Alternative Name: CTNND2 ([CTNND2 Products](#))

Background: Description: Has a critical role in neuronal development, particularly in the formation and/or maintenance of dendritic spines and synapses (PubMed:25807484). Involved in the regulation of Wnt signaling (PubMed:25807484). It probably acts on beta-catenin turnover, facilitating beta-catenin interaction with GSK3B, phosphorylation, ubiquitination and degradation (By similarity). Functions as a transcriptional activator when bound to ZBTB33 (By similarity). May be involved in neuronal cell adhesion and tissue morphogenesis and integrity by regulating adhesion molecules.

Gene: CTNND2

Molecular Weight: 133 kDa

Gene ID: 1501

UniProt: [Q9UQB3](#)

Application Details

Application Notes: WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

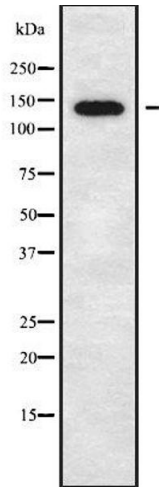
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

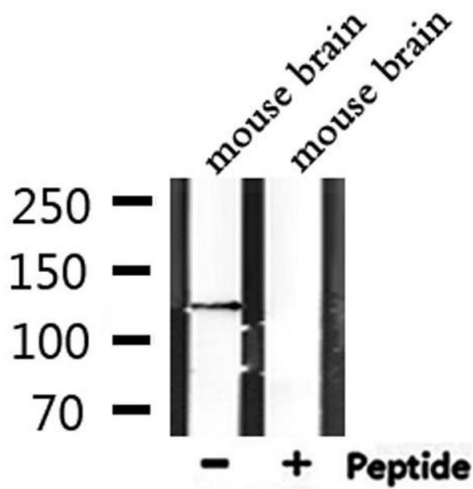
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of CTNND2 using COLO205 whole cell lysates



Western Blotting

Image 2. Western blot analysis of extracts from mouse brain, using CTNND2 Antibody.