

Datasheet for ABIN951062
anti-CTNND2 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CTNND2
Binding Specificity:	AA 1130-1159, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1130-1159 amino acids from the C-terminal region of human CTNND2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CTNND2.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CTNND2
Alternative Name:	Catenin delta-2 (CTNND2 Products)

Target Details

Background: This gene encodes an adhesive junction associated protein of the armadillo/beta-catenin superfamily and is implicated in brain and eye development and cancer formation. The protein encoded by this gene promotes the disruption of E-cadherin based adherens junction to favor cell spreading upon stimulation by hepatocyte growth factor. This gene is overexpressed in prostate adenocarcinomas and is associated with decreased expression of tumor suppressor E-cadherin in this tissue. This gene resides in a region of the short arm of chromosome 5 that is deleted in Cri du Chat syndrome. Synonyms: ARM-repeat protein, CTNND2, Delta-catenin, GT24, NPRAP, Neural plakophilin-related, Neurojungin

Molecular Weight: 132656 Da

Gene ID: 1501

NCBI Accession: [NP_001323](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

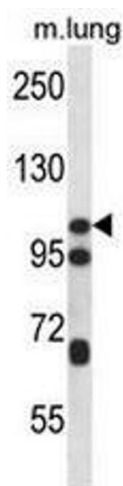
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

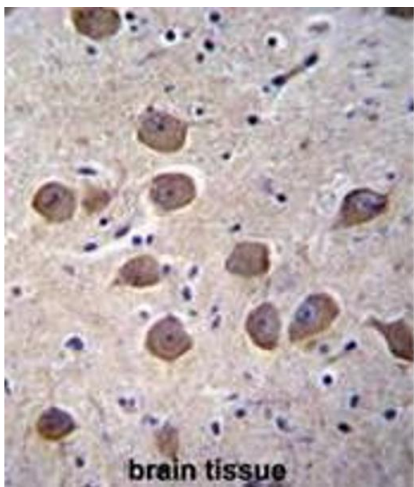
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



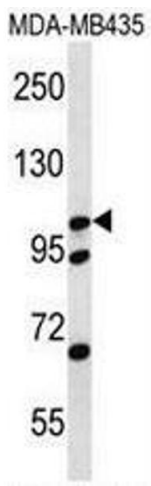
Western Blotting

Image 1. CTNND2 Antibody (C-term) western blot analysis in mouse lung tissue lysates (35µg/lane). This demonstrates the CTNND2 antibody detected the CTNND2 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. CTNND2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CTNND2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 3. CTNND2 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35µg/lane). This demonstrates the CTNND2 antibody detected the CTNND2 protein (arrow).