

# CTNND2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CTNND2.

Catalog # AT1678a

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9UQB3</a>
<b>Other Accession</b>	<a href="#">NM_001332</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	6E12
<b>Calculated MW</b>	132656

## Additional Information

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<b>Gene ID</b>	1501
<b>Other Names</b>	Catenin delta-2, Delta-catenin, GT24, Neural plakophilin-related ARM-repeat protein, NPRAP, Neurojungin, CTNND2, NPRAP
<b>Target/Specificity</b>	CTNND2 (NP_001323, 1081 a.a. ~ 1190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	CTNND2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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.

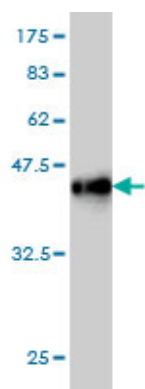
## References

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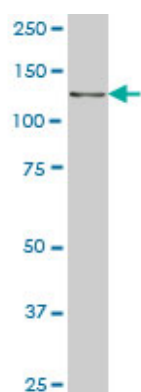
1. Identification of Novel NPRAP/?-Catenin-Interacting Proteins and the Direct Association of NPRAP with Dynamin 2. Koutras C, Levesque G. PLoS One. 2011;6(10):e25379. Epub 2011 Oct 14.

## Images

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Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 kDa) .



CTNND2 monoclonal antibody (M01), clone 6E11 Western Blot analysis of CTNND2 expression in PC-12 (Cat # AT1678a )

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.