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CTNND2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CTNND2.
Catalog # AT1678a

Specification

CTNND2 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q9UQB3
Other Accession	NM_001332
Reactivity	**Human, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**132656**

CTNND2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 1501

Other Names
Catenin delta-2, Delta-catenin, GT24, Neural plakophilin-related ARM-repeat protein, NPRAP, Neurojungin, CTNND2, NPRAP

Target/Specificity
CTNND2 (NP_001323, 1081 a.a. ~ 1190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
CTNND2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CTNND2 Antibody (monoclonal) (M01) - Protocols

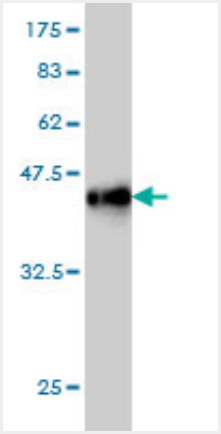
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

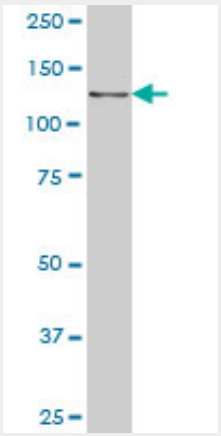
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CTNND2 Antibody (monoclonal) (M01) - Images



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)

CTNND2 Antibody (monoclonal) (M01) - 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.

CTNND2 Antibody (monoclonal) (M01) - References

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.