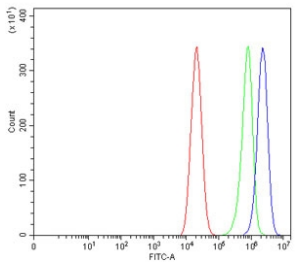
CTNND1 Antibody / p120 Catenin / Catenin delta 1 (RQ6855)

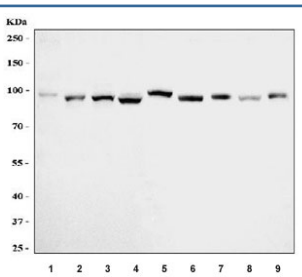
Catalog No.	Formulation	Size
RQ6855	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O60716
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This CTNND1 antibody is available for research use only.



Flow cytometry testing of human Caco-2 cells with CTNND1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CTNND1 antibody.



Western blot testing of 1) human HeLa, 2) human HACAT, 3) human RT-4, 4) human T-47D, 5) rat brain, 6) rat PC-12, 7) mouse brain, 8) mouse testis and 9) mouse lung tissue lysate with CTNND1 antibody. Predicted molecular weight of isoform 1: 102-108 kDa and isoform 2: 95-102 kDa.

Description

p120, and called catenin delta-1 is a protein that in humans is encoded by the CTNND1 gene. 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 the full-length natures of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene.

Application Notes

Optimal dilution of the CTNND1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E31-R875) was used as the immunogen for the CTNND1 antibody.

Storage

After reconstitution, the CTNND1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.