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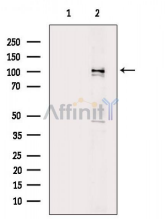
CTNND1 Ab

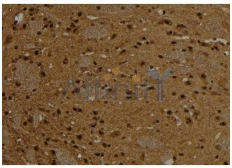
References(2) Images(5)

Cat.#: DF6524	Concn.: ~1mg/ml	Mol.Wt.: 105kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat,Monkey
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human CTNND1, corresponding to a region within C-terminal amino acids.
Uniprot:	O60716
Description:	Catenin ?-1 (p120 catenin) has an amino-terminal coiled-coil domain followed by a regulatory domain containing multiple phosphorylation sites and a central Armadillo repeat domain of ten linked 42-amino acid repeats. The carboxy-terminal tail has no known function . Catenin ?-1 fulfills critical roles in the regulation of cell-cell adhesion as it regulates E-cadherin turnover at the cell surface to determine the level of E-cadherin available for cell-cell adhesion . Catenin ?-1 has both positive and negative effects on cadherin-mediated adhesion . Actin dynamics are also regulated by catenin ?-1, which modulates RhoA, Rac, and cdc42 proteins . Analogous to ?-catenin, catenin ?-1 translocates to the nucleus, although its role at this location is unclear.



Western blot analysis of extracts from Mouse lung, using CTNND1 Ab. The lane on the left was treated with blocking peptide.



DF6524 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.