
Anti-p120

Cat #: HM1289
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The catenins, α , β and γ , are proteins which bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. The catenin/cadherin complexes play an important role mediating cellular adhesion. p120, originally identified as a substrate for Src p60 tyrosine kinase, is a 120 kDa protein that contains a repeating amino acid motif also shared by β and γ catenins. p120 is associated with cadherin/catenin complexes. It may participate in regulating the function of cadherins and thereby other processes influenced by cell-cell adhesion.

SPECIFICITY

This antibody specifically reacts with p120 of mouse, rat and human origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A peptide mapping near the carboxy terminus of p120 of mouse origin.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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4. Sacco, P.A., et al. 1995. Identification of plakoglobin domains required for association with N-cadherin and alpha-catenin. *J. Biol. Chem.* 270: 20201-20206.
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7. Reynolds, A.B. and Carnahan, R.H. (2004) Regulation of cadherin stability and turnover by p120ctn: implications in disease and cancer. *Semin. Cell Dev. Biol.* 15, 657-663.
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