CTNNA1 Polyclonal Antibody

catalog number: **E-AB-10207**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human CTNNA1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

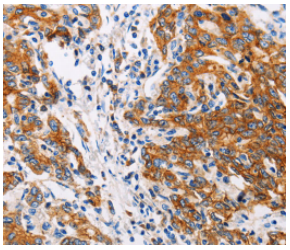
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data



Western Blot analysis of A431 cell using CTNNA1 Polyclonal Antibody at dilution of 1:600

Calculated-MW:100 kDa



Immunohistochemistry of paraffin-embedded Human gastic cancer using CTNNA1 Polyclonal Antibody at dilution of 1:35

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Catenin alpha-1 is a protein that in humans is encoded by the CTNNA1 gene.Associates with the cytoplasmic domain of a variety of cadherins.The association of catenins to cadherins produces a complex which is linked to the actin filament network, and which seems to be of primary importance for cadherins cell-adhesion properties.Can associate with both E- and N-cadherins.Originally believed to be a stable component of E-cadherin/catenin adhesion complexes and to mediate the linkage of cadherins to the actin cytoskeleton at adherens junctions.In contrast, cortical actin was found to be mucHuman, Mouseore dynamic than E-cadherin/catenin complexes and CTNNA1 was shown not to bind to F-actin when assembled in the complex suggesting a different linkage between actin and adherens junctions components.

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