

Product Datasheet

Phospho-Catenin- beta (Tyr489) Antibody

Catalog No: CY6084

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: P35222

All Names: CATNB, CTNB1, CTNNB, catenin, beta

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human Catenin- beta around the phosphorylation site of Tyrosine 489

Molecular Wt.: 92kDa

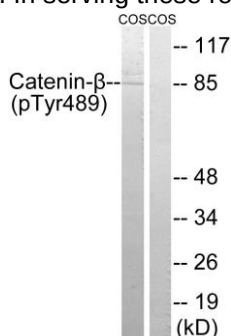
Application

WB 1:500-1:2000

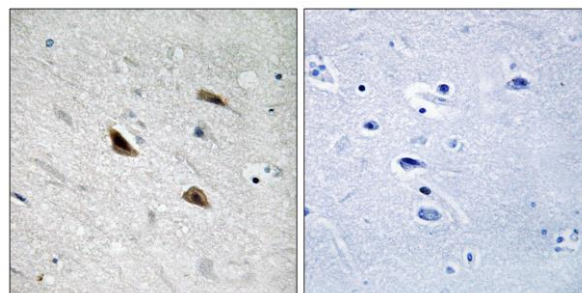
IHC 1:50-1:200

Background

Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior.



Western blot analysis of extracts from COS cells, treated with UV (15mins), using Catenin-β (Phospho-Tyr489) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Catenin-β (Phospho-Tyr489) antibody.

For Research Use Only. Not For Use In Diagnostic Procedures.

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