



Catenin-β (Phospho-Tyr489) Antibody

E11-8009A

Catalog Number: E11-8009A

Concentration: 1mg/ml

Swiss-Prot No.: P35222

Other Names: catenin (cadherin-associated protein), beta 1; catenin, beta; CATNB; CTNB1; CTNNB

All Sites: Human: Tyr489; Mouse: Tyr489; Rat: Tyr489

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Catenin-β around the phosphorylation site of tyrosine 489 (L-H-Y^P-G-L).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against

non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Catenin-β (Phospho-Tyr489) antibody detects endogenous levels of Catenin-β only when phosphorylated at tyrosine 489.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

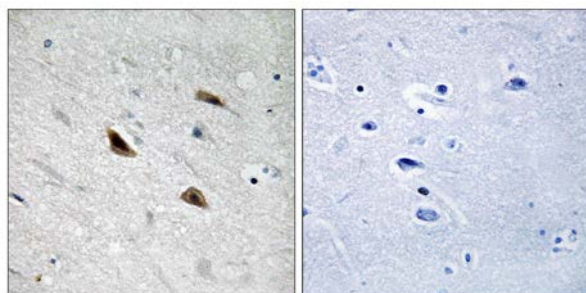
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000

References:

Huelsken J., J. Cell Biol. 127:2061-2069(1994).

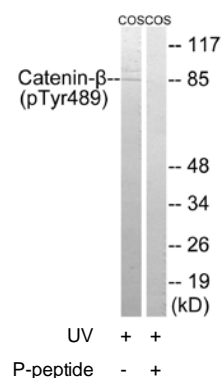
Zhang C., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

Kim J.-S., Cancer Res. 62:2744-2748(2002).



P-peptide - +

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



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

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