



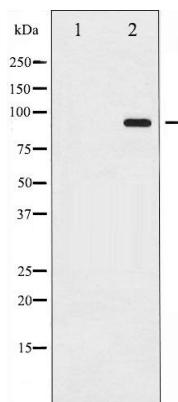
β -Catenin (Phospho-Thr41/Ser45) Antibody

#14197

Catalog Number: 14197-1, 14197-2**Amount:** 50 μ g/50 μ l, 100 μ g/100 μ l**Swiss-Prot No. :** P35222**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.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human β -Catenin around the phosphorylation site of Threonine41/Serine45**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** β -Catenin(Phospho-Thr41/Ser45)Antibody detects endogenous levels of β -Catenin only when phosphorylated at Threonine41/Serine45**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 92kd

WB: 1:500~1:2000



Western blot analysis of Catenin- beta phosphorylation expression in SW626 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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.