

Catenin- β polyclonal antibody

Catalog: BCP00348

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

β -Catenin is a key downstream effector in the Wnt signaling pathway. It is implicated in two major biological processes in vertebrates: early embryonic development and tumorigenesis. CK1 phosphorylates β -catenin at Ser45. This phosphorylation event primes β -catenin for subsequent phosphorylation by GSK-3 β . GSK-3 β destabilizes β -catenin by phosphorylating it at Ser33, Ser37, and Thr41. Mutations at these sites result in the stabilization of β -catenin protein levels and have been found in many tumor cell lines.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 92 kDa

Swiss-Prot:

P35222

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:2000 - 1:5000 IHC 1:50 - 1:200

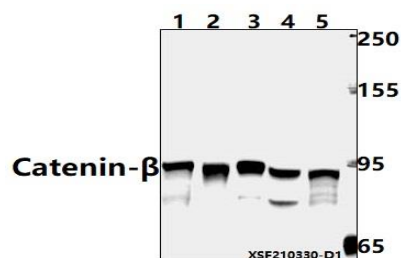
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CTNNB1 polyclonal antibody detects endogenous levels of CTNNB1 protein.

DATA:



Western blot (WB) analysis of Catenin- β pAb at 1:500 dilution

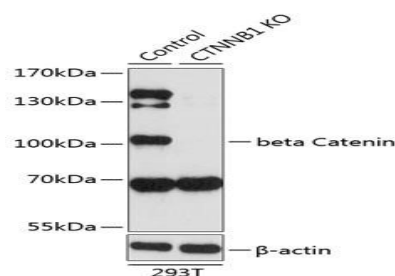
Lane1:The heart tissue lysate of Rat(40ug)

Lane2:The testis tissue lysate of Mouse(20ug)

Lane3:C6 whole cell lysate(10ug)

Lane4:PC3 whole cell lysate(40ug)

Lane5:A2780 whole cell lysate(40ug)



Note:

For research use only, not for use in diagnostic procedure.