

## Basic Information

Product Name	Anti-Beta Catenin/CTNNB1 Antibody	
Gene Name	CTNNB1	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, IHC-F, ICC	
Contents	500 ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.	
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human beta Catenin(1-19aa MATQADLMELDMAMEPDRK), identical to the related rat and mouse sequences.	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	95KD	
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunohistochemistry in frozen section (IHC-F): 1:50-400 Immunocytochemistry: 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

Catenins are proteins found in complexes with cadherin cell adhesion molecules of animal cells. The first two catenins that were identified became known as alpha-catenin and beta-catenin. Alpha-catenin can bind to beta-catenin and can also bind actin. Beta-catenin binds the cytoplasmic domain of some cadherins. Beta-catenin is an adherens junction protein. It plays an important role in various aspects of liver biology including liver development(both embryonic and postnatal), liver regeneration following partial hepatectomy. HGF-induced hepatomegaly, liver zonation, and pathogenesis of liver cancer.

## Reference

Anti-Beta Catenin/CTNNB1 Antibody 被引用在7文献中。

Product datasheet

**Anti-Beta Catenin/CTNNB1 Antibody**

**Catalog Number: BA0426**

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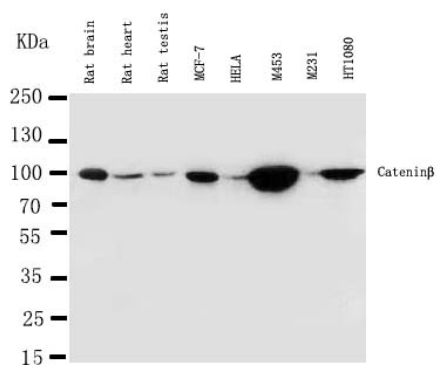
antibody and ELISA experts

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## Selected Validation Data



Lane 1: Rat Brain Tissue Lysate  
Lane 2: Rat Heart Tissue Lysate  
Lane 3: Rat Testis Tissue Lysate  
Lane 4: MCF-7 Cell Lysate  
Lane 5: HELA Cell Lysate  
Lane 6: M453 Cell Lysate  
Lane 7: M231 Cell Lysate  
Lane 8: HT1080 Cell Lysate