

Anti-beta Catenin/CTNNB1 Antibody

Catalog Number: PA1212-1

About CTNNB1

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.

Overview

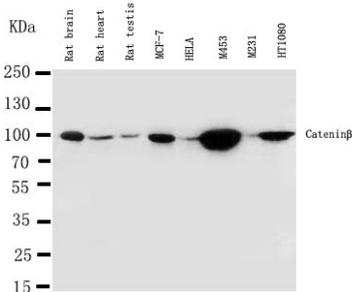
Product Name	Anti-beta Catenin/CTNNB1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Rabbit IgG polyclonal antibody for Catenin beta-1(CTNNB1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human; Mouse; Rat.
Application	IHC, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P35222

Technical Details

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.
-----------	--

Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P), IHC(F) and ICC.
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunocytochemistry , 0.5-1µg/ml, Human, Mouse, Rat Immunohistochemistry(Frozen Section), 0.5-1µg/ml, Mouse, Rat, Human Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5µg/ml, Human, Rat, Mouse
	For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

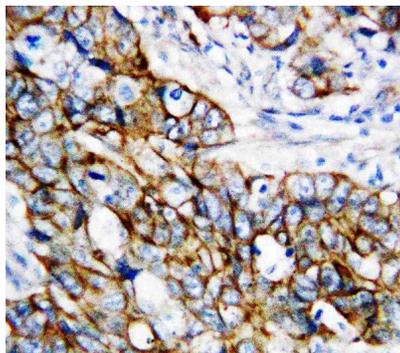
Anti-beta Catenin/CTNNB1 Antibody (PA1212-1) Images



Anti-beta Catenin antibody, PA1212-1, Western blotting

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

Anti-beta Catenin antibody, PA1212-1, IHC(P)
IHC(P): Human Mammary Cancer Tissue



Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

