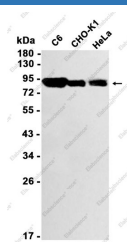


Recombinant beta-Catenin/CTNNB1 Monoclonal Antibody

catalog number: **AN300396P**

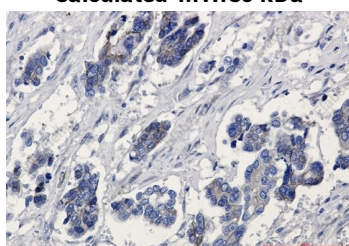
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human beta-Catenin/CTNNB1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110190
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC-P	1:200-1:500
ICC/IF	1:100-1:200
IP	1:20-1:50
Data	

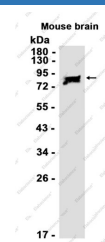


Western blot analysis of extracts from C6, CHO-K1, HeLa cells at 1:1000.

Observed-MW:86 kDa
Calculated-MW:86 kDa

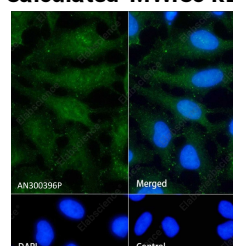


Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma.



Western blot analysis of extracts from Mouse brain tissue at 1:1000.

Observed-MW:86 kDa
Calculated-MW:86 kDa



Immunofluorescence analysis of HeLa cells labelling beta Catenin. Nuclear DNA was labeled in blue with DAPI.
Control: Secondary antibody only.

Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag
Background	

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.5

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]