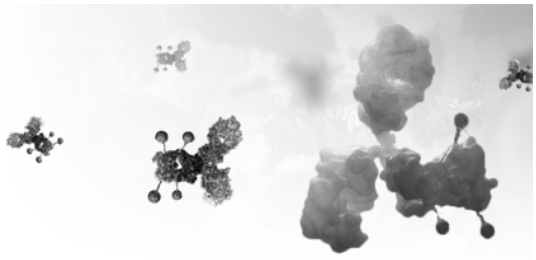

Anti-CTNNB1 (full length) polyclonal antibody (CPBT-66553RC)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises catenin-beta, a cytosolic protein which forms complexes with cadherins and with axin (part of the Wnt signalling pathway). Catenins are present in both developing and adult tissues.
Specificity	CTNNB1
Immunogen	GST-labelled full length recombinant beta-catenin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Dog, Mouse
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; Immunoblotting; IP; IHC-P
Format	Serum - liquid
Size	50 µl
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa [Homo sapiens (human)]
Official Symbol	CTNNB1
Synonyms	CTNNB1; catenin (cadherin-associated protein), beta 1, 88kDa; CTNNB; MRD19; armadillo; catenin beta-1;
Entrez Gene ID	1499
Protein Refseq	NP_001091679
UniProt ID	P35222
Chromosome Location	3p21
Pathway	AMER1 mutants destabilize the destruction complex; APC truncation mutants are not K63 polyubiquitinated; APC truncation mutants have impaired AXIN binding; AXIN missense mutants destabilize the destruction complex; AXIN mutants destabilize the destruction complex, activating WNT signaling; Adherens junction; Adherens junctions interactions; Adipogenesis;
Function	I-SMAD binding; R-SMAD binding; RNA polymerase II activating transcription factor binding; SMAD binding; alpha-catenin binding; androgen receptor binding; cadherin binding; double-stranded DNA binding; enzyme binding; estrogen receptor binding; euchromatin binding; ion channel binding; ionotropic glutamate receptor binding; kinase binding; nitric-oxide synthase binding; nuclear hormone receptor binding; protein C-terminus binding; protein binding; protein complex binding; protein phosphatase binding; repressing transcription factor binding; sequence-specific DNA binding transcription factor activity; signal transducer activity; transcription coactivator activity; transcription factor binding; transcription regulatory region DNA binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221