

# beta Catenin (Phospho-Tyr333) Antibody HRP Conjugated

Catalog No: #C02143H

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	beta Catenin (Phospho-Tyr333) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human beta Catenin around the phosphorylation site of Tyr333
Conjugates	HRP
Target Name	beta Catenin Tyr333
Other Names	beta Catenin phospho Y333; beta Catenin phospho Tyr333; p-beta Catenin Y333; p-beta Catenin Tyr333; beta-catenin; beta catenin; CTNNB1; CHBCAT; CTNNB1; CTNNB; PRO2286; Cadherin associated protein; Catenin cadherin associated protein, beta 1, 88kDa; Catenin beta 1; Catenin beta-1; CATNB; CTNB1_HUMAN;
Accession No.	NCBI Gene ID1499
Uniprot	P35222
GeneID	1499;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

## Background

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), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Oct 2009].

Note: This product is for in vitro research use only