

CABP0979

Product Information

Product SKU:	CABP0979	Gene ID:	1499	Size:	20uL, 100uL
Clone No:	ARC1523	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	100kDa	Conjugate:	Unconjugated
Calculated MW:	85kDa	Isotype:	IgG

Immunogen Information

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. Alternative splicing results in multiple transcript variants.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	EVR7; CTNNB; MRD19; NEDSDV; armadillo; Phospho- β -Catenin-S33/S37
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S33 of human beta Catenin CTNB1 (P35222).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.