

Catenin-beta Antibody | anti-CTNNB antibody

Catenin-beta (Phospho-Tyr489) Antibody

CATALOG # AAA267816	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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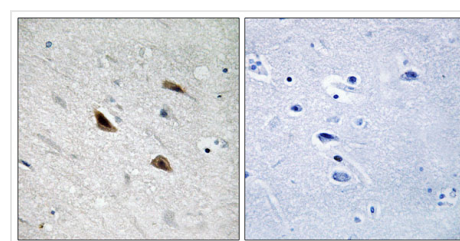
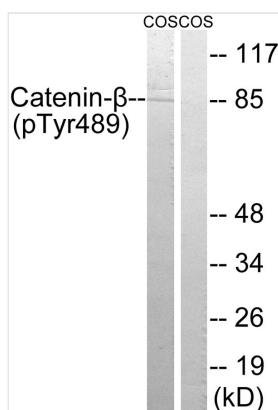
PRODUCT SYNONYMS

Catenin-beta; Catenin-beta (Phospho-Tyr489) Antibody; catenin (cadherin-associated protein); beta 1; catenin; beta; CATNB; CTNB1; anti-CTNNB antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Catenin-beta (Phospho-Tyr489) antibody detects endogenous levels of Catenin-beta only when phosphorylated at tyrosine 489.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	781
Applicable Applications for anti-CTNNB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Catenin-beta around the phosphorylation site of tyrosine 489 (L-H-YP-G-L).
All Sites	Human: Tyr489 Mouse: Tyr489 Rat: Tyr489
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Catenin-beta (Phospho-Tyr489) antibody. Western blot analysis of extracts from COS cells, treated with UV (15mins), using Catenin-beta (Phospho-Tyr489) antibody.

ADDITIONAL INFORMATION

References	Huelsken J., J. Cell Biol. 127:2061-2069(1994). Zhang C., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases. Kim J.-S., Cancer Res. 62:2744-2748(2002).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148233338
NCBI GeneID	1499
NCBI Accession #	NP_001091679.1
NCBI GenBank Nucleotide #	NM_001098209.1
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	85,497 Da
NCBI Official Full Name	catenin beta-1 isoform 1
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	EVR7; CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctnnb-human-mouse-rat-antibody/catenin-beta/267816>