



## p120 Catenin (ABT082) Mouse mAb

<b>Catalog No</b>	YP-Ab-15690
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC, WB
<b>Gene Name</b>	CTNND1 KIAA0384
<b>Protein Name</b>	Cadherin associated Src substrate; Cadherin-associated Src substrate; CAS; Catenin (cadherin associated protein) delta 1; Catenin delta 1; Catenin delta; Catenin delta-1; CTND1_HUMAN; CTNND 1; CTNND; CTNND1; del
<b>Immunogen</b>	Synthesized peptide derived from human p120 Catenin
<b>Specificity</b>	The antibody can specifically recognize human p120 catenin protein. In western blotting of HeLa, A431 and HEK293 cell lysates, the antibody can label a band with molecular weight around 100~110 kDa.
<b>Formulation</b>	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
<b>Source</b>	Monoclonal Mouse IgG2b, Kappa
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p 1:200-400, WB: 500-1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Cadherin associated Src substrate; Cadherin-associated Src substrate; CAS; Catenin (cadherin associated protein) delta 1; Catenin delta 1; Catenin delta; Catenin delta-1; CTND1_HUMAN; CTNND 1; CTNND; CTNND1; delta 1 Catenin; KIAA0384; p120; P120 CAS; p120 catenin; P120 CTN; p120(cas); p120(ctn); P120CAS; P120CTN
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasmic, Membranous
<b>Tissue Specificity</b>	Breast/ Tonsil
<b>Function</b>	alternative products: Experimental confirmation may be lacking for some isoforms. disease: May contribute to cell malignancy. Complete loss of expression was observed in approximately 10% of invasive ductal breast carcinomas investigated. domain: A possible nuclear localization signal exists in all isoforms where Asp-626--631-Arg are deleted. function: Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). May associate with and regulate the cell adhesion properties of both C- and E-cadherins. Implicated both in cell



transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage.,induction:Induced in vascular endothelium by wounding. This effect is potentiated by prior laminar shear stress, which enhances wound clo

**Background**

catenin delta 1(CTNND1) Homo sapiens This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length natures of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene. [provided by RefSeq, Dec 2010],

**matters needing attention**

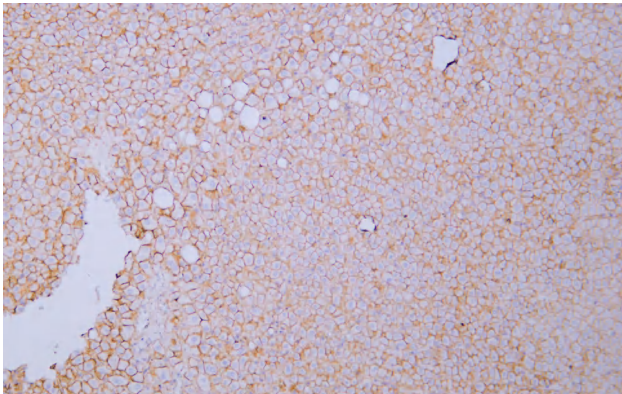
Avoid repeated freezing and thawing!

**Usage suggestions**

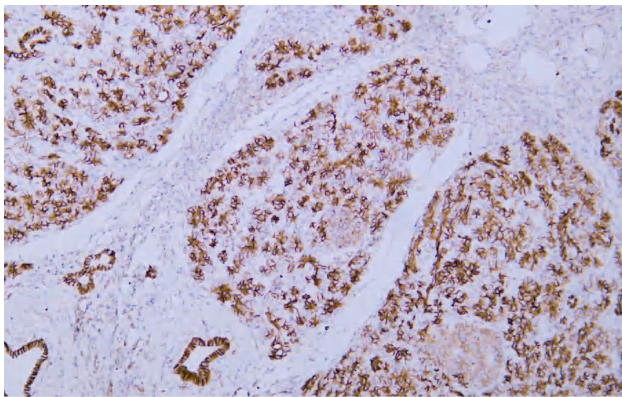
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



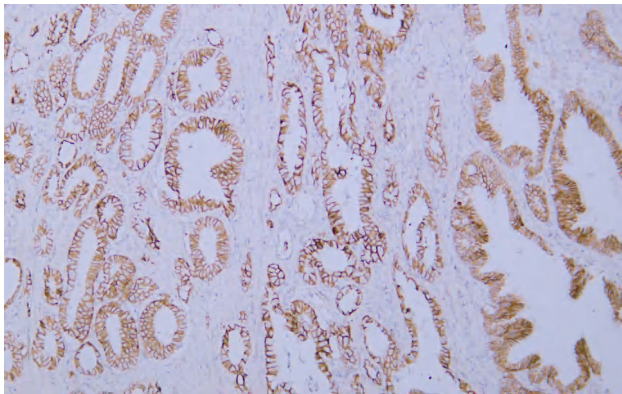
## Products Images



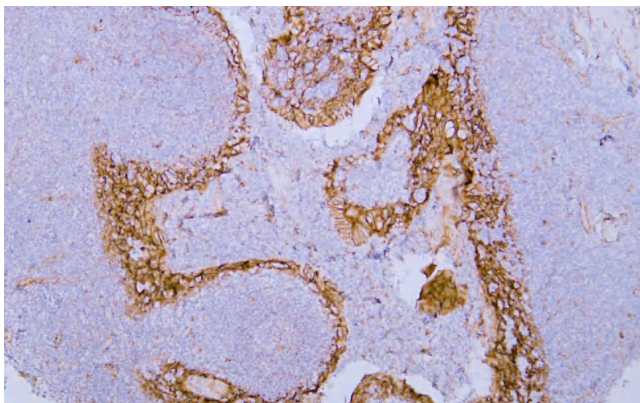
Human liver tissue was stained with Anti-p120 Catenin (ABT082) Antibody



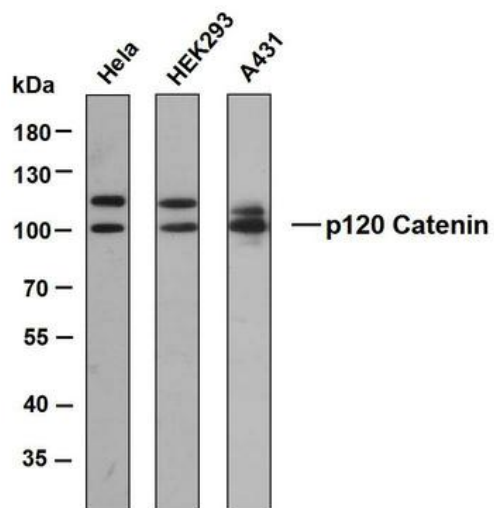
Human pancreas tissue was stained with Anti-p120 Catenin (ABT082) Antibody



Human prostatic adenocarcinoma tissue was stained with Anti-p120 Catenin (ABT082) Antibody



Human tonsil tissue was stained with Anti-p120 Catenin (ABT082) Antibody



Various whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-p120 Catenin antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody. Predicted band size: 108 kDa