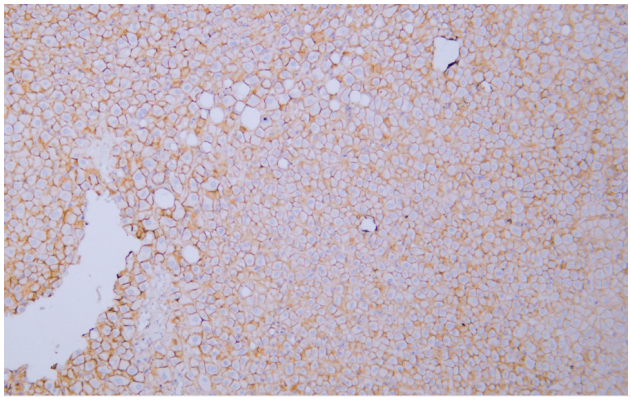
p120 Catenin (ABT082) Mouse mAb

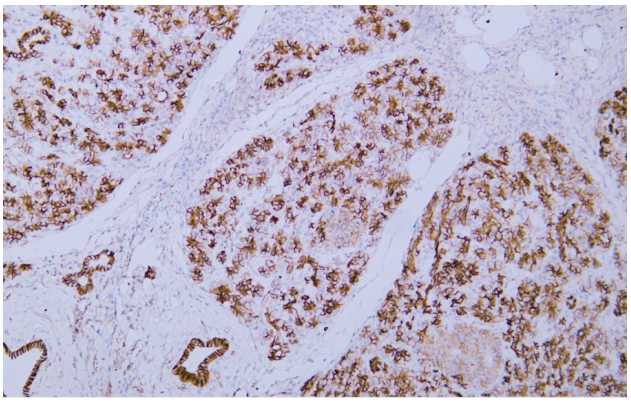
Catalog No	BYab-31334
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;ELISA
Gene Name	CTNND1 KIAA0384
Protein Name	Cadherin associated Src substrate;Cadherin-associated Src substrate;CAS;Catenin (cadherin associated protein) delta 1;Catenin delta 1;Catenin delta;Catenin delta-1;CTND1_HUMAN;CTNND 1;CTNND;CTNND1;del
Immunogen	Synthesized peptide derived from human p120 Catenin AA range: 600-700
Specificity	The antibody can specifically recognize human p120 catenin protein.
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Mouse, Monoclonal/IgG2b, kappa
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Dilution	IHC 1:200-400. ELISA 1:500-5000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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
Observed Band	108kD
Cell Pathway	Cytoplasmic, Membranous
Tissue Specificity	Breast/ Tonsil
Function	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.

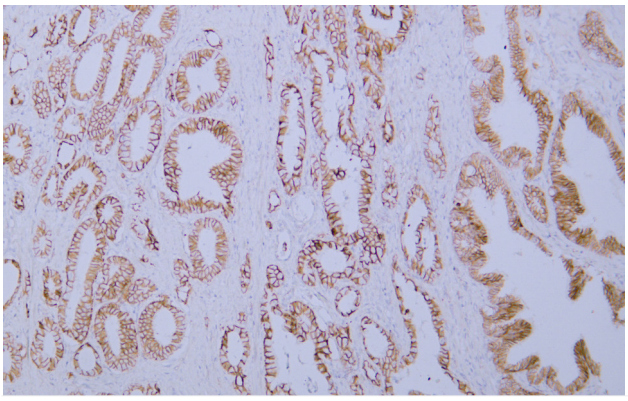
Products Images



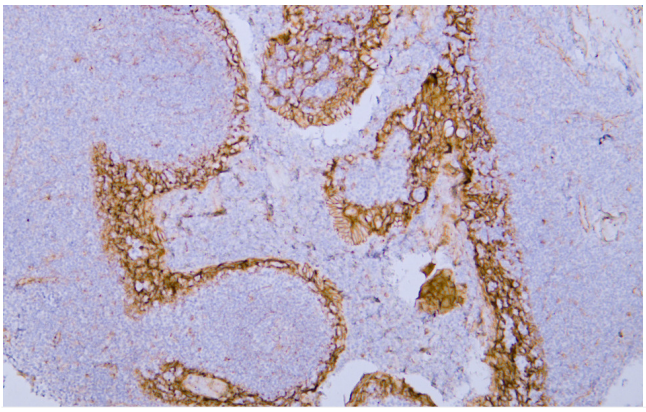
Human liver tissue was stained with Anti-p120 Catenin (ABT082) Antibody



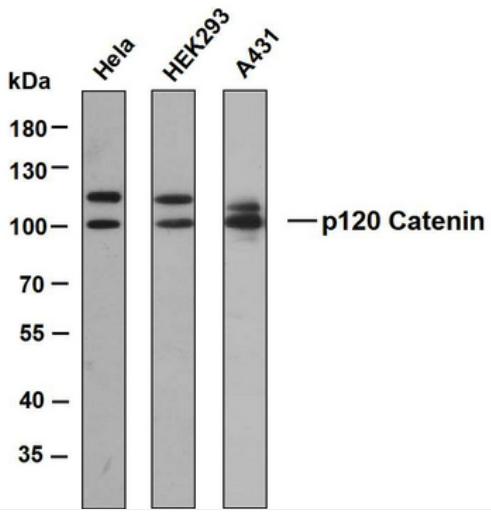
Human pancreas tissue was stained with Anti-p120 Catenin (ABT082) Antibody



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