Anti-Phospho-delta 1 Catenin (Thr310) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015182

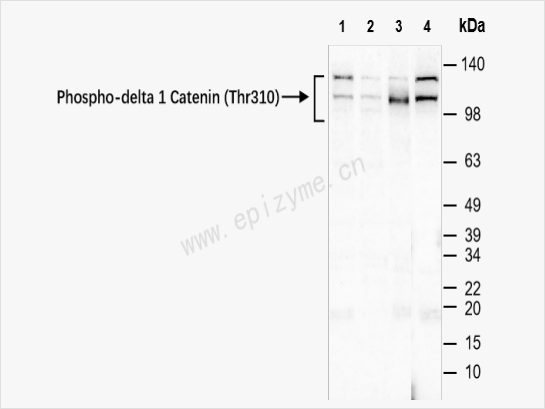
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	60K10Y43
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized phosphopeptide corresponding to residues surrounding Thr310 of human delta 1 Catenin
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-delta 1 Catenin (Thr310) Rabbit mAb [60K10Y43] is for research use only and not for use in diagnostic or therapeutic procedures.

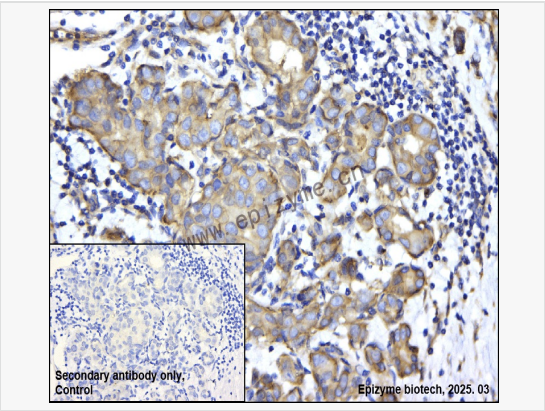
Protein Information

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.
Calculated MW	Calculated MW: 108 kDa; Observed MW: 80-120 kDa
Uniprot ID	O60716
Gene ID	1500
Background	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]
Cellular Location	Cytoplasm. Nucleus. Cell membrane. Interaction with GLIS2 promotes nuclear translocation (By similarity). NANOS1 induces its translocation from sites of cell-cell contact to the cytoplasm.
Tissue Location	Expressed in vascular endothelium.

Validation Images



Western Blot - Anti-Phospho-delta 1 Catenin (Thr310) Rabbit mAb [60K10Y43]
All lanes: R015182 at 1:1,000 dilution
Lane 1: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 2: 293T (Human embryonic kidney cell) whole cell lysates
Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 4: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 108 kDa
Observed band size: 80-120 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-delta 1 Catenin (Thr310) Rabbit mAb [60K10Y43]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015182 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.