

Anti-CTNNA3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

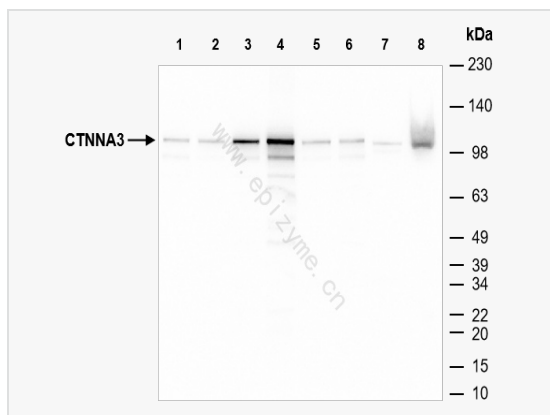
Catalog # R014729

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Mouse, Rat, Human
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.	27F73P79
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CTNNA3
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-CTNNA3 Rabbit mAb [27F73P79] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	4930429L08Rik, 4933408A16, Alpha catenin like protein, Alpha T catenin, Alpha T-catenin, Cadherin associated protein, Cadherin-associated protein, Catenin alpha 3, Catenin alpha-3, Catna3, CTNA3_HUMAN, CTNNA3, MGC26194, MGC75041, OTTHUMP00000019684, OTTMUSP00000028119, OTTMUSP00000028120, RP11-433J16.1, VR22.
Calculated MW	Calculated MW: 100 kDa; Observed MW: 100 kDa
Uniprot ID	Q9UI47
Gene ID	29119
Background	May be involved in formation of stretch-resistant cell-cell adhesion complexes.
Cellular Location	Cytoplasm > cytoskeleton. Localizes to intercalated disks of cardiomyocytes and in peritubular myoid cells of testis, and colocalizes with CTNNA1 and CTNNA2.
Tissue Location	Predominantly expressed in heart and testis. Expressed at lower levels in brain, kidney, liver and skeletal muscle.



Western Blot - Anti-CTNNA3 Rabbit mAb [27F73P79]

All lanes: R014729 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 7: Mouse brain whole tissue lysates

Lane 8: Rat brain whole tissue lysates

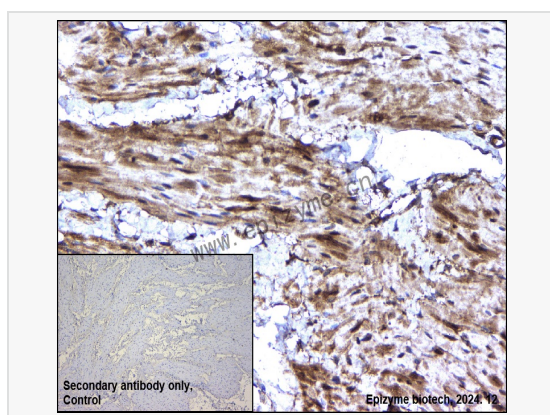
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 100 kDa

Observed band size: 100 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-CTNNA3 Rabbit mAb [27F73P79]

Sample: Paraformaldehyde-fixed, paraffin embedded rat bladder tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014729 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.