

Anti-CAP2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

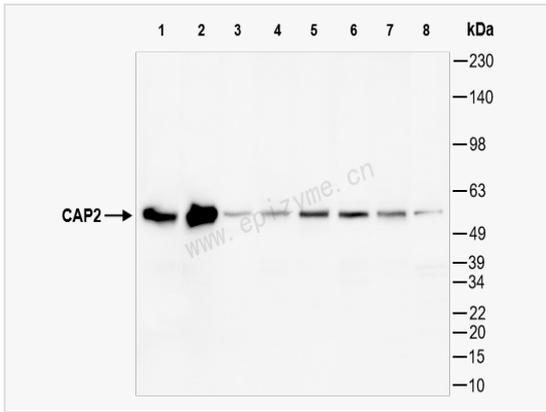
Catalog # R014841

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:3,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	64T50N48
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CAP2
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-CAP2 Rabbit mAb [64T50N48] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	2810452G09Rik, adenylate cyclase associated protein 2, Adenylyl cyclase associated protein 2, Adenylyl cyclase-associated protein 2, CAP 2, CAP adenylate cyclase associated protein 2, CAP adenylate cyclase-associated protein 2, CAP, adenylate cyclase associated protein, 2 (yeast), cap2, CAP2_HUMAN.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 53 kDa
Uniprot ID	P40123
Gene ID	10486
Background	This gene was identified by its similarity to the gene for human adenylyl cyclase-associated protein. The function of the protein encoded by this gene is unknown. However, the protein appears to be able to interact with adenylyl cyclase-associated protein and actin. [provided by RefSeq, Jul 2008]
Cellular Location	Cell membrane.



Western Blot - Anti-CAP2 Rabbit mAb [64T50N48]

All lanes: R014841 at 1:3,000 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: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 6: 293T (Human embryonic kidney cell) whole cell lysates

Lane 7: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 8: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

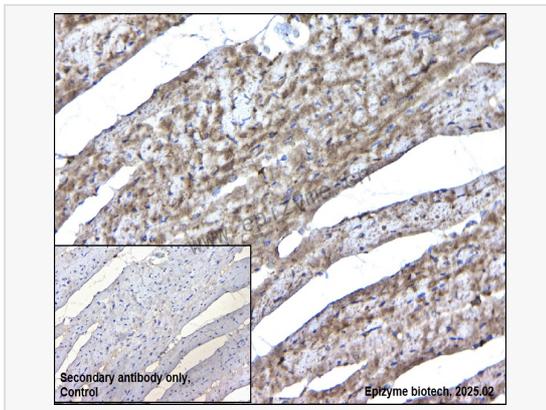
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 53 kDa

Observed band size: 53 kDa

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



Immunohistochemistry - Anti-CAP2 Rabbit mAb [64T50N48]

Sample: Paraformaldehyde-fixed, paraffin embedded rat heart tissue

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

Primary antibody: R014841 at 1:200 dilution

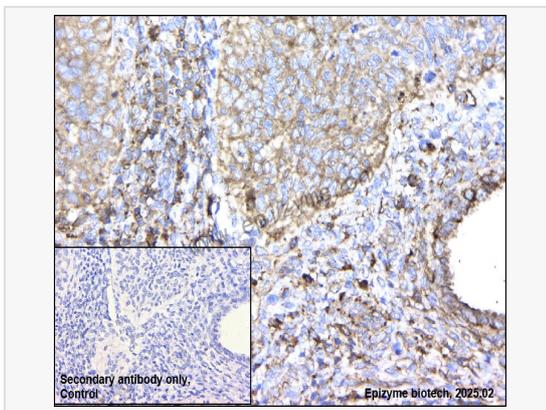
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunohistochemistry - Anti-CAP2 Rabbit mAb [64T50N48]

Sample: Paraformaldehyde-fixed, paraffin embedded human endometrial carcinoma tissue

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

Primary antibody: R014841 at 1:200 dilution

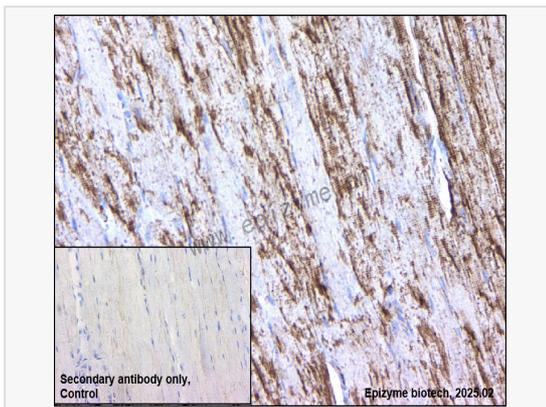
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunohistochemistry - Anti-CAP2 Rabbit mAb [64T50N48]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse muscle tissue

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

Primary antibody: R014841 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.