

Anti-TOR4A Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014599

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
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.	34S10P44
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TOR4A
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-TOR4A Rabbit mAb [34S10P44] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C9orf167, C1167_HUMAN, FLJ20245, RP13-122B23.4, Torsin family protein C9orf167, Torsin 4A.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 50 kDa
Uniprot ID	Q9NXH8
Gene ID	54863
Background	ATP-binding.



Western Blot - Anti-TOR4A Rabbit mAb [34S10P44]

All lanes: R014599 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: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

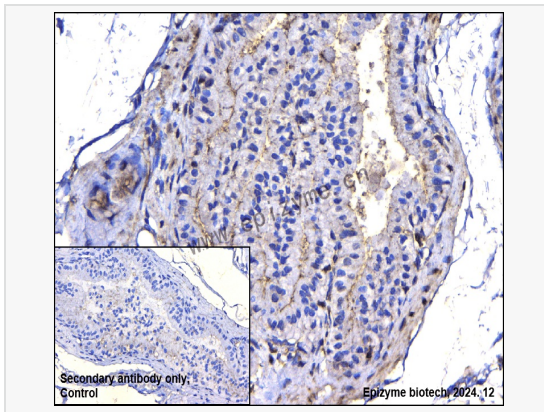
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 47 kDa

Observed band size: 50 kDa

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



Immunohistochemistry - Anti-TOR4A Rabbit mAb [34S10P44]

Sample: Paraformaldehyde-fixed, paraffin embedded rat prostate tissue

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

Primary antibody: R014599 at 1:200 dilution

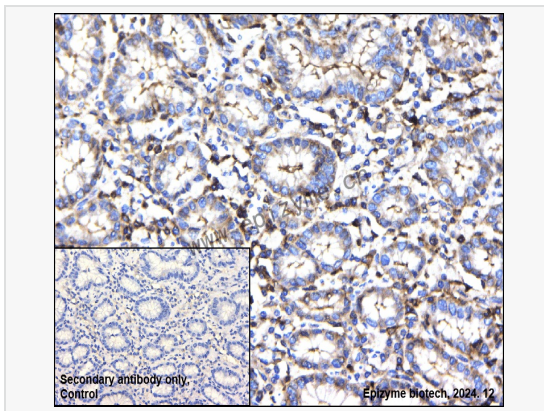
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-TOR4A Rabbit mAb [34S10P44]

Sample: Paraformaldehyde-fixed, paraffin embedded human gastric cancer tissue

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

Primary antibody: R014599 at 1:200 dilution

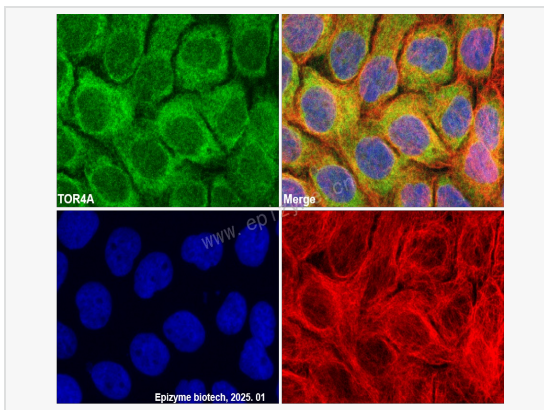
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunofluorescence - Anti-TOR4A Rabbit mAb [34S10P44]

Sample: A431 cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014599 at 1:100 dilution and alpha-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).