

Anti-TOR4A Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

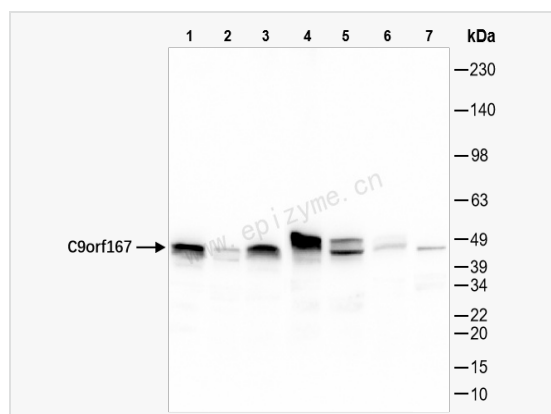
Catalog # R012046

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.	24K75M12
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human C9orf167
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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 [24K75M12] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C9orf167; TOR4A; Torsin-4A; Torsin family 4 member A.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa
Uniprot ID	Q9NXH8
Gene ID	54863
Background	Predicted to enable ATP binding activity and ATP hydrolysis activity. Predicted to be located in extracellular region and platelet alpha granule lumen. Predicted to be active in endoplasmic reticulum lumen and nuclear envelope. [provided by Alliance of Genome Resources, Jul 2025]
Cellular Location	Membrane.Single-pass membrane protein.



Western Blot - Anti-TOR4A Rabbit mAb [24K75M12]

All lanes: R012046 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: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 5: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 6: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 7: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

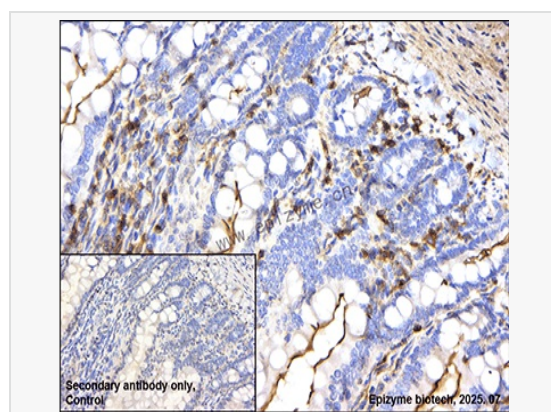
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 47 kDa

Observed band size: 47 kDa

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



Immunohistochemistry - Anti-TOR4A Rabbit mAb [24K75M12]

Sample: Paraformaldehyde-fixed, paraffin embedded rat colon tissue

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

Primary antibody: R012046 at 1:200 dilution

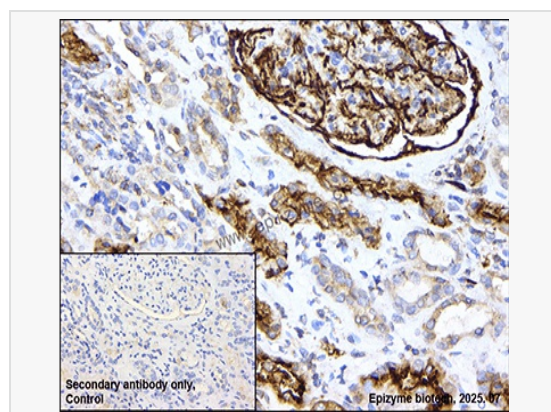
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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 [24K75M12]

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

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

Primary antibody: R012046 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.