

Anti-SEC14L2/TAP Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

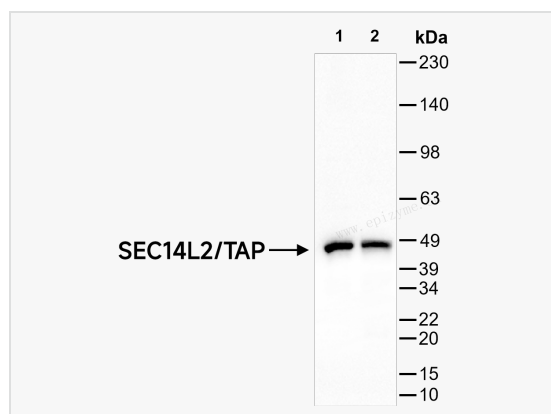
Catalog # R016203

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
Host	Rabbit
Clonality	Monoclonal
Clone No.	77C40R62
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SEC14L2
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-SEC14L2/TAP Rabbit mAb [77C40R62] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C22orf6; KIAA1186; KIAA1658; SEC14L2; SEC14-like protein 2; Alpha-tocopherol-associated protein; Squalene transfer protein; Supernatant protein factor; TAP; hTAP; SPF.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 46 kDa
Uniprot ID	O76054
Gene ID	23541
Background	This gene encodes a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalene monooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]
Cellular Location	Cytoplasm. Nucleus. Note: Cytoplasmic in absence of alpha-tocopherol, and nuclear in presence of alpha-tocopherol.
Tissue Location	Widely expressed. Strong expression in liver, brain and prostate.



Western Blot - Anti-SEC14L2/TAP Rabbit mAb [77C40R62]

All lanes: R016203 at 1:1,000 dilution

Lane 1: Mouse liver whole tissue lysates

Lane 2: Rat liver whole tissue lysates

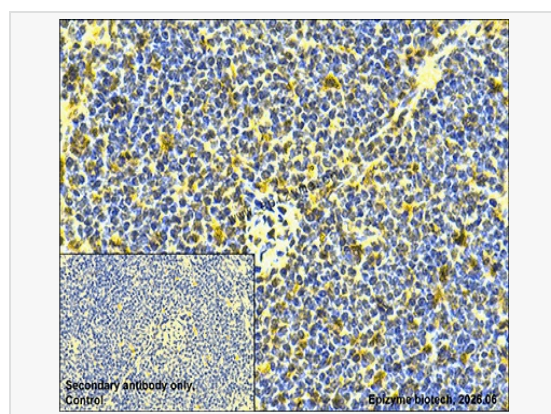
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 46 kDa

Observed band size: 46 kDa

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



Immunohistochemistry - Anti-SEC14L2/TAP Rabbit mAb [77C40R62]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse spleen tissue

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

Primary antibody: R016203 at 1:100 dilution

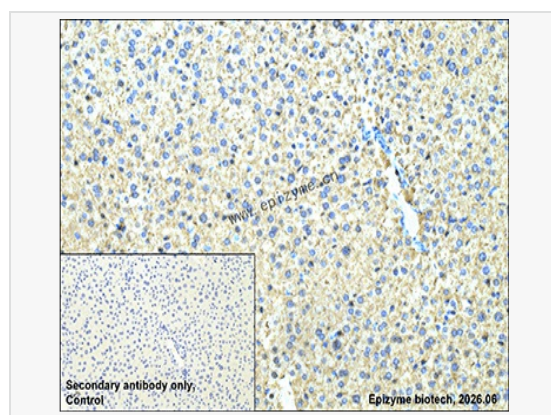
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-SEC14L2/TAP Rabbit mAb [77C40R62]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse liver tissue

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

Primary antibody: R016203 at 1:100 dilution

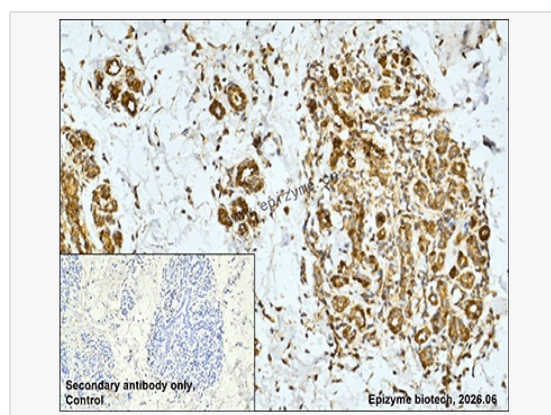
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Primary antibody: R016203 at 1:100 dilution

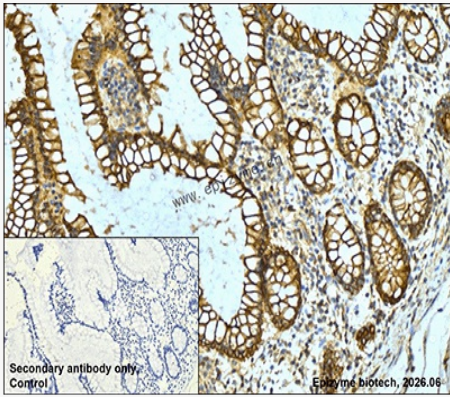
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

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Immunohistochemistry - Anti-SEC14L2/TAP Rabbit mAb [77C40R62]

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

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

Primary antibody: R016203 at 1:100 dilution

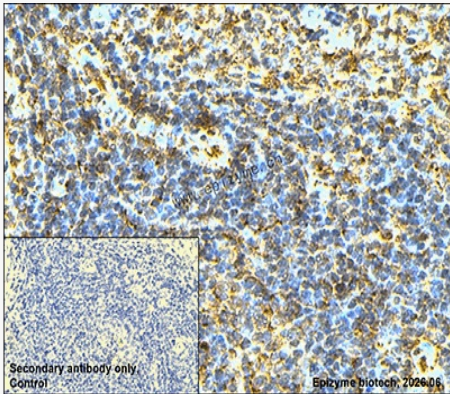
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-SEC14L2/TAP Rabbit mAb [77C40R62]

Sample: Paraformaldehyde-fixed, paraffin embedded rat spleen tissue

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

Primary antibody: R016203 at 1:100 dilution

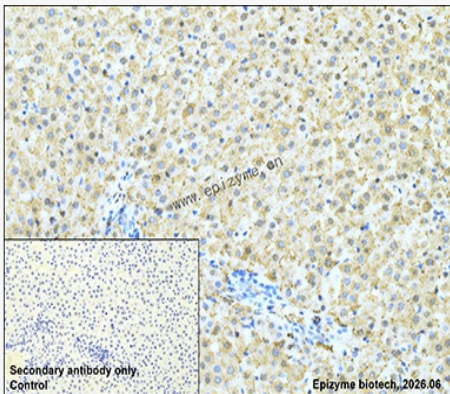
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

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Immunohistochemistry - Anti-SEC14L2/TAP Rabbit mAb [77C40R62]

Sample: Paraformaldehyde-fixed, paraffin embedded rat liver tissue

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

Primary antibody: R016203 at 1:100 dilution

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

DAB was used as the chromogen.

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