

Anti-PSIP1/LEDGF Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

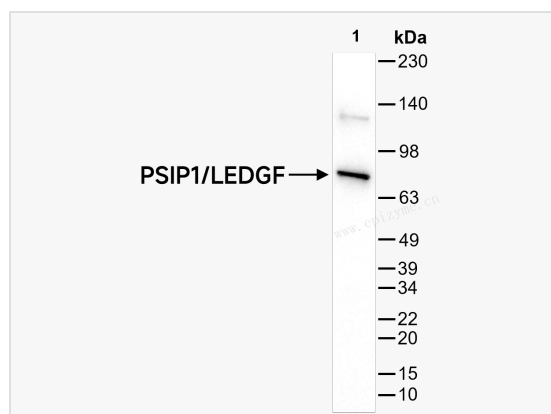
Catalog # R016210

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, 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.	46Q42D76
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PSIP1
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-PSIP1/LEDGF Rabbit mAb [46Q42D76] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	DFS70; LEDGF; PSIP2; PSIP1; PC4 and SFRS1-interacting protein; CLL-associated antigen KW-7; Dense fine speckles 70 kDa protein; Lens epithelium-derived growth factor; Transcriptional coactivator p75/p52; DFS 70.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 75 kDa
Uniprot ID	O75475
Gene ID	11168
Background	Enables DNA-binding transcription factor binding activity; chromatin binding activity; and transcription coactivator activity. Involved in mRNA 5'-splice site recognition and positive regulation of transcription by RNA polymerase II. Located in heterochromatin; nuclear periphery; and nucleoplasm. [provided by Alliance of Genome Resources, Jul 2025]
Cellular Location	Nucleus. Note: Remains chromatin-associated throughout the cell cycle.
Tissue Location	Widely expressed. Expressed at high level in the thymus. Expressed in fetal and adult brain. Expressed in neurons, but not astrocytes. Markedly elevated in fetal as compared to adult brain. In the adult brain, expressed in the subventricular zone (SVZ), in hippocampus, and undetectable elsewhere. In the fetal brain, expressed in the germinal neuroepithelium and cortical plate regions.



Western Blot - Anti-PSIP1/LEDGF Rabbit mAb [46Q42D76]

All lanes: R016210 at 1:1,000 dilution

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

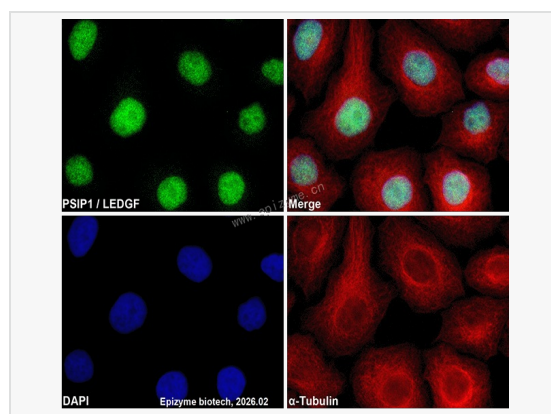
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 60 kDa

Observed band size: 75 kDa

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



Immunofluorescence - Anti-PSIP1/LEDGF Rabbit mAb [46Q42D76]

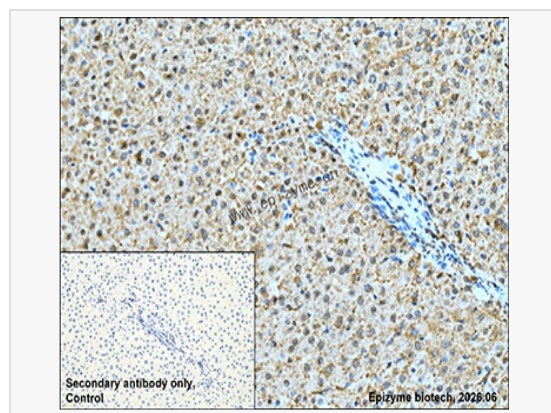
Sample: HeLa cells

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

Primary antibody: R016210 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibody: 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).



Immunohistochemistry - Anti-PSIP1/LEDGF Rabbit mAb [46Q42D76]

Sample: Paraformaldehyde-fixed, paraffin embedded rat liver tissue

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

Primary antibody: R016210 at 1:100 dilution

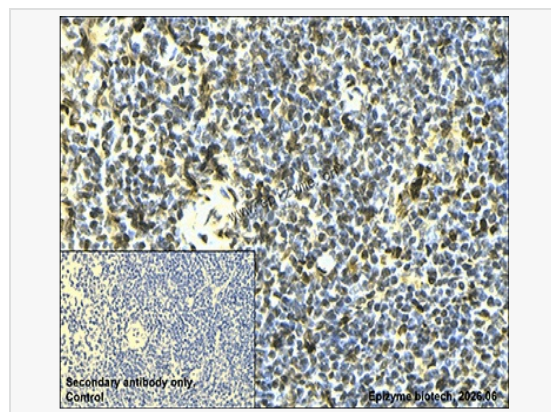
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-PSIP1/LEDGF Rabbit mAb [46Q42D76]

Sample: Paraformaldehyde-fixed, paraffin embedded rat spleen tissue

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

Primary antibody: R016210 at 1:100 dilution

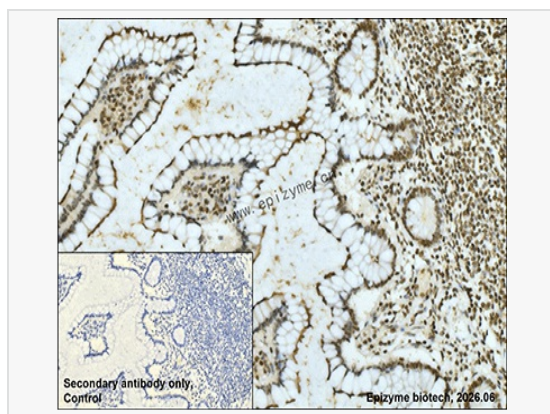
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-PSIP1/LEDGF Rabbit mAb [46Q42D76]

Sample: Paraformaldehyde-fixed, paraffin embedded human colon cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

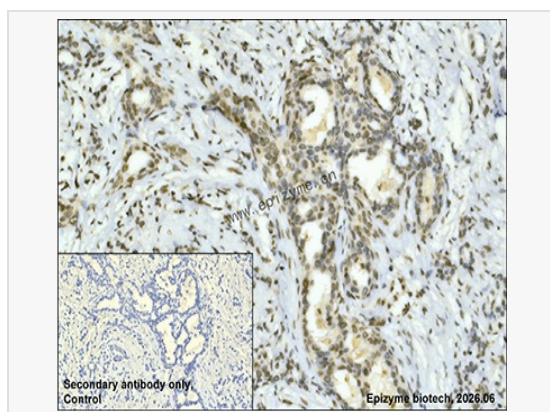
Primary antibody: R016210 at 1:100 dilution

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-PSIP1/LEDGF Rabbit mAb [46Q42D76]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

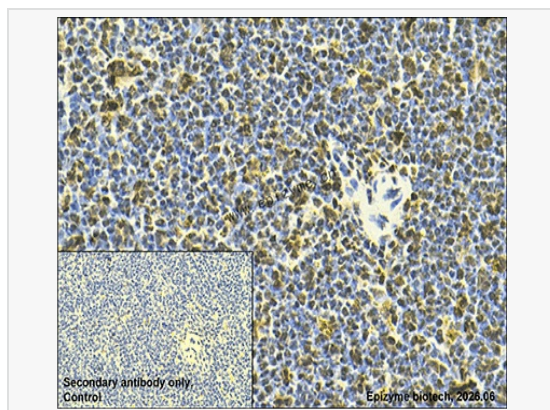
Primary antibody: R016210 at 1:100 dilution

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-PSIP1/LEDGF Rabbit mAb [46Q42D76]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse spleen tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R016210 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.