

PSIP2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7857b**Specification**

PSIP2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O75475](#)**PSIP2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11168**Other Names**

PC4 and SFRS1-interacting protein, CLL-associated antigen KW-7, Dense fine speckles 70 kDa protein, DFS 70, Lens epithelium-derived growth factor, Transcriptional coactivator p75/p52, PSIP1, DFS70, LEDGF, PSIP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7857b](/products/AP7857b) was selected from the C-term region of human PSIP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PSIP2 Antibody (C-term) Blocking Peptide - Protein Information**Name** PSIP1**Synonyms** DFS70, LEDGF, PSIP2**Function**

Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre- mRNA splicing. Cellular cofactor for lentiviral integration.

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

PSIP2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PSIP2 Antibody (C-term) Blocking Peptide - Images**PSIP2 Antibody (C-term) Blocking Peptide - Background**

Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. PSIP2 is involved in particular in lens epithelial cell gene regulation and stress responses. The protein may play an important role in lens epithelial to fiber cell terminal differentiation and may play a protective role during stress-induced apoptosis.

PSIP2 Antibody (C-term) Blocking Peptide - References

Hare,S., PLoS Pathog. 5 (1), E1000259 (2009)Brown-Bryan,T.A., Mol. Cancer Res. 6 (8), 1293-1307 (2008)