

Mouse PSIP1 Monoclonal Antibody | anti-PSIP1 antibody

PSIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29908	Mouse	Human, Monkey, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

PSIP1; Monoclonal Antibody; PSIP1 Antibody; CLL associated antigen KW 7 antibody; CLL-associated antigen KW-7 antibody; Dense fine speckles 70 kDa protein antibody; DFS 70 antibody; DFS70 antibody; LEDGF antibody; Lens epithelium derived growth factor antibody; Lens epithelium-derived growth factor antibody; MGC74712 antibody; p52 antibody; p75 antibody; PAIP antibody; PC4 and SFRS1 interacting protein 1 antibody; PC4 and SFRS1 interacting protein 2 antibody; PC4 and SFRS1 interacting protein antibody; PC4 and SFRS1-interacting protein antibody; PSIP 1 antibody; PSIP 2 antibody; Psip1 antibody; PSIP1_HUMAN antibody; PSIP2 antibody; Transcriptional coactivator p75/p52 antibody; anti-PSIP1 antibody

PRODUCT SPECIFICATIONS

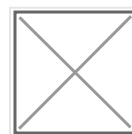
Host	Mouse
Reactivity	Human, Monkey, Rat
Clonality	Monoclonal
Clone Number	B11-E4
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PSIP1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:1000 IHC: 1:100-1:500 ICC: 1:100-1:500
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



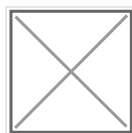
ICC (Immunocytochemistry)

ICC staining PSIP1 (green) and actin filaments (red) in NIH/3T3 cells. Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



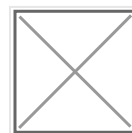
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-PSIP1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-PSIP1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded brain tissue using anti-PSIP1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-PSIP1 antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of PSIP1 on different cell lysates using anti-PSIP1 antibody at 1/1, 000 dilution. Positive control: Lane 1: HepG2 Lane 2: Jurkat Lane 3: K562 Lane 4: Cos7 Lane 5: PC-12 Lane 6: Hela Lane 7: NIH/3T3

ADDITIONAL INFORMATION

Related Product Information for anti-PSIP1 antibody	PSIP1 (PC4 and SFRS1 interacting protein 1), also known as CLL-associated antigen KW-7, PSIP2, LEDGF (lens epithelium-derived growth factor), PAIP, DFS70 (dense fine speckles 70 kDa protein) or transcriptional coactivator p75/p52, is a 530 amino acid nuclear protein that associates with chromatin throughout the cell cycle. Functioning as a transcriptional coactivator that complexes with the human immunodeficiency virus type 1 (HIV-1) integrase, PSIP1 is essential for the nuclear localization and chromosomal association of viral proteins. As the primary integrase-to-chromatin tethering factor for HIV-1, PSIP1 is responsible for the cellular trafficking of lentiviral integrases. During apoptosis, PSIP1 is cleaved at three sites by caspase-3 and caspase-7, contributing to the pathogenesis of atopic disorders.
Product Categories/Family for anti-PSIP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	190014588
NCBI GeneID	11168
NCBI Accession #	NP_001121689.1
NCBI GenBank Nucleotide #	NM_001128217.2
UniProt Accession #	O75475; O00256; O95368; Q6P391; Q86YB9; Q9NZI3; Q9UER6; D3DRI9
Molecular Weight	37,268 Da
NCBI Official Full Name	PC4 and SFRS1-interacting protein isoform 2
NCBI Official Synonym Full Names	PC4 and SFRS1 interacting protein 1
NCBI Official Symbol	PSIP1
NCBI Official Synonym Symbols	p52; p75; PAIP; DFS70; LEDGF; PSIP2
NCBI Protein Information	PC4 and SFRS1-interacting protein
UniProt Protein Name	PC4 and SFRS1-interacting protein
UniProt Gene Name	PSIP1
UniProt Synonym Gene Names	DFS70; LEDGF; PSIP2; DFS 70
UniProt Entry Name	PSIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/psip1-antibody-clone-b11-e4-western-blot-immunocytochemistry-immunohistochemistry-elisa/29908>