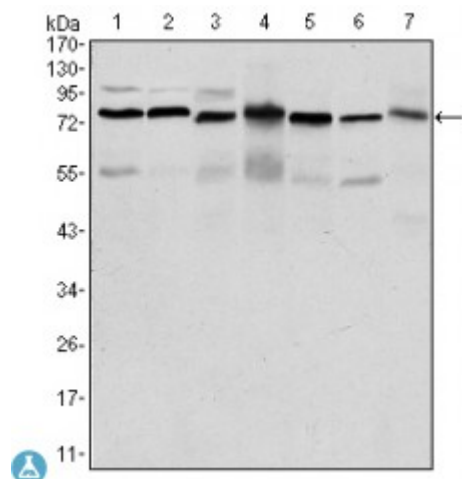


Anti-LEDGF antibody



Description	Mouse monoclonal to LEDGF.
Model	STJ98216
Host	Mouse
Reactivity	Human, Rat, Simian
Applications	ELISA, IF, IHC, WB
Immunogen	Purified recombinant fragment of human LEDGF expressed in E. Coli.
Gene ID	11168
Gene Symbol	PSIP1
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000ELISA 1:10000
Specificity	LEDGF Monoclonal Antibody detects endogenous levels of LEDGF protein.
Tissue Specificity	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.
Purification	Affinity purification
Clone ID	60000
Note	For Research Use Only (RUO).
Protein Name	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
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9527OMIM:603620
Alternative 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
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.
Sequence and Domain Family	Residues 340-417 are necessary and sufficient for the interaction with HIV-1 IN (IBD domain).
Cellular Localization	Nucleus. Remains chromatin-associated throughout the cell cycle.
Post-translational Modifications	Citrullinated by PADI4.