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PSIP1 Rabbit mAb

Catalog # AP78877

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	O75475
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PSIP1 / LEDGF
Purification	Affinity Chromatography
Calculated MW	60103

Additional Information

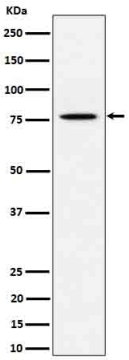
Gene ID	11168
Other Names	PSIP1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

Images



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