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PSIP1 / LEDGF Antibody

Rabbit mAb
Catalog # AP93170

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	O75475
Reactivity	Human
Clonality	Monoclonal
Other Names	DFS70; LEDGF; p52; p75; PAIP; Psip1; PSIP2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	60103

Additional Information

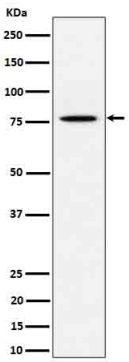
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PSIP1 / LEDGF
Description	Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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



Western blot analysis of PSIP1 / LEDGF expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.