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KLLN Recombinant Rabbit mAb

Catalog # AP97144

Product Information

Application	WB
Primary Accession	B2CW77
Other Accession	B2CW77
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	19958
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Background Descriptions	The protein encoded by this intronless gene is found in the nucleus, where it can inhibit DNA synthesis and promote S phase arrest coupled to apoptosis. The expression of this DNA binding protein is upregulated by transcription factor p53. [provided by RefSeq, Dec 2012],

Additional Information

Gene ID	100144748
Other Names	CWS4; KILLIN; KILIN_HUMAN; KLLN; killin, p53 regulated DNA replication inhibitor; killin, p53-regulated DNA replication inhibitor; KILIN
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KLLN
Function	DNA-binding protein involved in S phase checkpoint control- coupled apoptosis by mediating p53/TP53-induced apoptosis. Has the ability to inhibit DNA synthesis and S phase arrest coupled to apoptosis. Has affinity to both double- and single-stranded DNA.
Cellular Location	Nucleus.

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