

Phospho-Rb2 p130 (Thr986) Rabbit mAb

Catalog # AP74961

Product Information

Application	WB, IP
Primary Accession	Q08999
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	128367

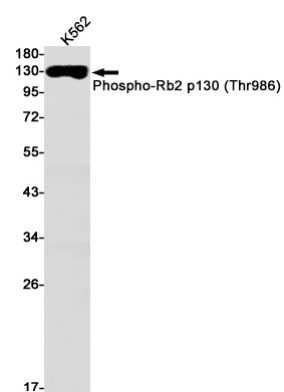
Additional Information

Gene ID	5934
Other Names	RBL2
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

Protein Information

Name	RBL2
Synonyms	RB2
Function	Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.
Cellular Location	Nucleus.

Images



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