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Phospho-p130(T986) Antibody

Rabbit mAb
Catalog # AP93014

Product Information

Application	WB, IP
Primary Accession	Q08999
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	130 kDa retinoblastoma associated protein; IB4; p130; PRB2; Rb2; Rbl2; RBR2; Retinoblastoma like 2; Retinoblastoma-related protein 2; RIC128;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	128367

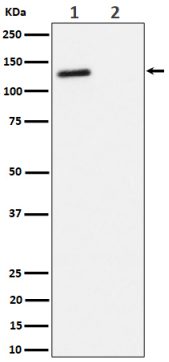
Additional Information

Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-p130(T986)
Description	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.
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	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



Western blot analysis of Phospho-p130(T986) expression in (1) Jurkat cell lysate; (2) Jurkat cell treated with phosphatase lysate.

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