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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58065_P050-HRP
Product Page	www.avivasysbio.com/rb1-antibody-n-terminal-region-hrp-arp58065-p050-hrp.html
Name	RB1 Antibody - N-terminal region : HRP (ARP58065_P050-HRP)
Protein Size (# AA)	928 amino acids
Molecular Weight	106kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5925
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Retinoblastoma 1
Alias Symbols	RB, pRb, OSRC, pp110, p105-Rb, PPP1R130, p110-RB1
Peptide Sequence	Synthetic peptide located within the following region: MPPKTPRKTAATAAAAAAEPAPPPPPPEEDPEQDSGPEDLPLVRLEFE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma.
Protein Interactions	RAF1; E2F1; ABL1; HDAC1; KDM2A; SMARCA4; USP7; UBC; DYRK1A; NEFM; DYRK1B; MAGEA11; ENC1; PPP1CA; CDKN1C; CDKN1A; CDK6; CDK4; CDK2; CCNE1; CCNA2; CCND1; HDAC11; PAX5; HIF1A; E2F4; CEBPE; CCNA1; SUMO1; UBE2I; TFAP2A; CDK3; CDK1; CCNC; CCNB1; MRPS18B; SUMO2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-RB1 (ARP58065_P050-HRP) antibody
Blocking Peptide	For anti-RB1 (ARP58065_P050-HRP) antibody is Catalog# AAP58065 (Previous Catalog# AAPP32488)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RB1
Uniprot ID	P06400
Protein Name	Retinoblastoma-associated protein
Sample Type Confirmation	RB1 is strongly supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_000312
Purification	Affinity Purified
Nucleotide Accession #	NM_000321
Gene Symbol	RB1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Human: 100%; Mouse: 80%; Pig: 93%; Rabbit: 93%; Rat: 79%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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