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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP56649_P050-FITC
Product Page	www.avivasysbio.com/rbbp4-antibody-c-terminal-region-fitc-arp56649-p050-fitc.html
Name	Rbbp4 Antibody - C-terminal region : FITC (ARP56649_P050-FITC)
Protein Size (# AA)	425 amino acids
Molecular Weight	47kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	19646
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	retinoblastoma binding protein 4
Alias Symbols	RBA, RBAP48, mRbAp48
Peptide Sequence	Synthetic peptide located within the following region: TAKISDFSWNPNPWWVICSVSEDNIMQVWQMAENIYNDEDPEGSVDPEGO
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Rbbp4 is a core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.
Protein Interactions	L3mbtl2; E130012A19Rik; Hdac1; Nanog; Suz12; Tcf3; Runx1; HIST3H3; Kdm2b; Rnf2; Mta2; Gata1; Ezh1; Sall4; Esrrb; Mtf2; Jarid2; Ezh2; Eed;
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-Rbbp4 (ARP56649_P050-FITC) antibody
Blocking Peptide	Available upon request
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Rbbp4
Uniprot ID	Q60972
Protein Name	Histone-binding protein RBBP4
Protein Accession #	NP_033056
Purification	Affinity Purified
Nucleotide Accession #	NM_009030
Gene Symbol	Rbbp4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

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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