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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55471_P050-Biotin
Product Page	www.avivasysbio.com/apbb1-antibody-n-terminal-region-biotin-arp55471-p050-biotin.html
Name	Apbb1 Antibody - N-terminal region : Biotin (ARP55471_P050-Biotin)
Protein Size (# AA)	708 amino acids
Molecular Weight	78kDa
Conjugation	Biotin
NCBI Gene Id	11785
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Amyloid beta (A4) precursor protein-binding, family B, member 1
Alias Symbols	Rir, Fe65
Peptide Sequence	Synthetic peptide located within the following region: DGPREHSK SASLLFGMRNSAASDEDSSWATLSQGPSYGSPEIDTDSFWNP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Apbb1 is an adapter protein that forms a transcriptionally active complex with the gamma-secretase-derived amyloid precursor protein (APP) intracellular domain. Apbb1 plays a central role in the response to DNA damage by translocating to the nucleus and inducing apoptosis. Apbb1 may act by specifically recognizing and binding histone H2AX phosphorylated on 'Tyr-142' (H2AXY142ph) at double-strand breaks (DSBs), recruiting other pro-apoptosis factors such as MAPK8/JNK1. Apbb1 is required for histone H4 acetylation at double-strand breaks (DSBs). Its ability to specifically bind modified histones and chromatin modifying enzymes such as KAT5/TIP60, probably explains its transcription activation activity. Apbb1 functions in association with TSHZ3, SET and HDAC factors as a transcriptional repressor, that inhibits the expression of CASP4. Apbb1 is associated with chromatin in a region surrounding the CASP4 transcriptional start site(s).
Protein Interactions	Rnfl57; Enah; Prmp; APP; APLP2; APLP1; Evl;
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-Apbb1 (ARP55471_P050-Biotin) antibody
Blocking Peptide	For anti-Apbb1 (ARP55471_P050-Biotin) antibody is Catalog# AAP55471 (Previous Catalog# AAPP33363)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Uniprot ID	Q9QXJ1
Protein Name	Amyloid beta A4 precursor protein-binding family B member 1
Protein Accession #	NP_033815
Purification	Affinity Purified
Nucleotide Accession #	NM_009685
Gene Symbol	Apbb1
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: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
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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