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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	ARP55572_P050-Biotin
Product Page	www.avivasysbio.com/kank1-antibody-c-terminal-region-biotin-arp55572-p050-biotin.html
Name	KANK1 Antibody - C-terminal region : Biotin (ARP55572_P050-Biotin)
Protein Size (# AA)	330 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	23189
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	KN motif and ankyrin repeat domains 1
Alias Symbols	KANK, CPSQ2, ANKRD15
Peptide Sequence	Synthetic peptide located within the following region: STALSIALEAGHKDIAVLLYAHVNFKAQSPGTPRLGRKTSPGPTHRGSF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene belongs to the Kank family of proteins, which contain multiple ankyrin repeat domains. This family member functions in cytoskeleton formation by regulating actin polymerization. This gene is a candidate tumor suppressor for renal cell carcinoma. Mutations in this gene cause cerebral palsy spastic quadriplegic type 2, a central nervous system development disorder. A t(5;9) translocation results in fusion of the platelet-derived growth factor receptor beta gene (PDGFRB) on chromosome 5 with this gene in a myeloproliferative neoplasm featuring severe thrombocythemia. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 20.
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-KANK1 (ARP55572_P050-Biotin) antibody
Blocking Peptide	For anti-KANK1 (ARP55572_P050-Biotin) antibody is Catalog# AAP55572
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human KANK1
Uniprot ID	Q14678
Protein Name	KN motif and ankyrin repeat domain-containing protein 1
Protein Accession #	NP_001243805.1
Purification	Affinity Purified
Nucleotide Accession #	NM_001256876.1
Gene Symbol	KANK1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 86%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; 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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