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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	ARP53649_P050-FITC
Product Page	www.avivasysbio.com/tuba3c-antibody-n-terminal-region-fitc-arp53649-p050-fitc.html
Name	TUBA3C Antibody - N-terminal region : FITC (ARP53649_P050-FITC)
Protein Size (# AA)	450 amino acids
Molecular Weight	50kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	7278
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tubulin, alpha 3c
Alias Symbols	TUBA2, bA408E5.3
Peptide Sequence	Synthetic peptide located within the following region: QMPSDKTIGGGDDSFNTFFSETGAGKHVPRAVFDLEPTVVDEVRTGTYR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jin,J., (2004) Curr. Biol. 14 (16), 1436-1450
Description of Target	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene is an alpha tubulin gene that encodes a protein 99% identical to the mouse testis-specific Tuba3 and Tuba7 gene products. This gene is located in the 13q11 region, which is associated with the genetic diseases Clouston hidrotic ectodermal dysplasia and Kabuki syndrome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	CEP70; UBC; MDM2; CD81; K3; UBL4A; DYNLT1; TSGA10; CUL3; ARRB2; ARRB1; VHL; YWHAQ; DYRK2; YWHAZ; YWHAG; YWHAB; PPP4C; PFDN5; GRM7; NMI; PXN; SIAH1; DYNLL1; TUBG1; MYC; FYN; FBL;
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-TUBA3C (ARP53649_P050-FITC) antibody
Blocking Peptide	For anti-TUBA3C (ARP53649_P050-FITC) antibody is Catalog # AAP53649 (Previous Catalog # AAP30489)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TUBA3C
Uniprot ID	Q13748
Protein Name	Tubulin alpha-3C/D chain
Sample Type Confirmation	TUBA3C is supported by BioGPS gene expression data to be expressed in OVCAR3
Protein Accession #	NP_005992

Purification	Affinity Purified
Nucleotide Accession #	NM_006001
Gene Symbol	TUBA3C
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 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.