



SZABO SCANDIC

Part of Europa Biosite

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TUBA3C Antibody - N-terminal region : Biotin (ARP53650_P050-Biotin)

Data Sheet

Product Number	ARP53650_P050-Biotin
Product Page	www.avivasysbio.com/tuba3c-antibody-n-terminal-region-biotin-arp53650-p050-biotin.html
Name	TUBA3C Antibody - N-terminal region : Biotin (ARP53650_P050-Biotin)
Protein Size (# AA)	450 amino acids
Molecular Weight	50kDa
Conjugation	Biotin
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: VDLEPTVVDEVRTGTYRQLFHPQLITGKEDAANNYARGHYTIGKEIVDL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jin,J., (2004) Curr. Biol. 14 (16), 1436-1450
Description of Target	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. 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 (ARP53650_P050-Biotin) antibody
Blocking Peptide	For anti-TUBA3C (ARP53650_P050-Biotin) antibody is Catalog # AAP53650 (Previous Catalog # AAPP30490)
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 HeLa, Jurkat
Protein Accession #	NP_005992
Purification	Affinity Purified
Nucleotide Accession #	NM_006001
Gene Symbol	TUBA3C
Predicted Species Reactivity	Human, Mouse, Rat, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	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.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com