



# SZABO SCANDIC

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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	ARP58604_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/capza3-antibody-n-terminal-region-biotin-arp58604-p050-biotin.html">www.avivasysbio.com/capza3-antibody-n-terminal-region-biotin-arp58604-p050-biotin.html</a>
Name	CAPZA3 Antibody - N-terminal region : Biotin (ARP58604_P050-Biotin)
Protein Size (# AA)	299 amino acids
Molecular Weight	33kDa
Subunit	alpha-3
Conjugation	Biotin
NCBI Gene Id	93661
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Capping protein (actin filament) muscle Z-line, alpha 3
Alias Symbols	Gsg3, CAPPA3, HEL-S-86
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MTLSVLSRKDKERVIRLLLQAPGGEFVNAFDDLCLLIRDEKLMHHQGECE</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Miyagawa, Y., (2002) Mol. Hum. Reprod. 8 (6), 531-539
Description of Target	F-actin-capping proteins bind in a Ca <sup>2+</sup> -independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. CAPZA3 may play a role in the morphogenesis of spermatid. This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility.
Protein Interactions	UBC; CAPZA2; ACTG1;
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 <a href="#">anti-CAPZA3 (ARP58604_P050-Biotin) antibody</a>
Blocking Peptide	For anti-CAPZA3 (ARP58604_P050-Biotin) antibody is <a href="#">Catalog # AAP58604</a> (Previous Catalog # AAPP35741)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CAPZA3
Uniprot ID	<a href="#">Q96KX2</a>
Protein Name	F-actin-capping protein subunit alpha-3
Protein Accession #	<a href="#">NP_201585</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_033328</a>
Gene Symbol	<a href="#">CAPZA3</a>
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Dog: 92%; Guinea Pig: 92%; Human: 100%; Mouse: 85%; Rabbit: 92%; Rat: 85%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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