



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

Product Number	ARP58048_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/pole3-antibody-n-terminal-region-biotin-arp58048-p050-biotin.html">www.avivasysbio.com/pole3-antibody-n-terminal-region-biotin-arp58048-p050-biotin.html</a>
Name	POLE3 Antibody - N-terminal region : Biotin (ARP58048_P050-Biotin)
Protein Size (# AA)	147 amino acids
Molecular Weight	17kDa
Subunit	3
Conjugation	Biotin
NCBI Gene Id	54107
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Polymerase (DNA directed), epsilon 3 (p17 subunit)
Alias Symbols	p17, YBL1, CHRAC2, CHRAC17, CHARAC17
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">AERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFLYATSC</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Olsen,J.V., (2006) Cell 127 (3), 635-648
Description of Target	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging. POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging [supplied by OMIM].
Protein Interactions	CHRAC1; DRAP1; DR1; UBC; NANS; ANXA6; gag-pol; POLE4; CPSF2; POLE; APP; YEATS2; POLE2; CebpB; SUMO2; XRCC5; BAZ1A; SMARCA5; RAD17;
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-POLE3 (ARP58048_P050-Biotin) antibody</a>
Blocking Peptide	For anti-POLE3 (ARP58048_P050-Biotin) antibody is <a href="#">Catalog # AAP58048</a> (Previous Catalog # AAPP32471)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human POLE3
Uniprot ID	<a href="#">Q9NRF9</a>
Protein Name	DNA polymerase epsilon subunit 3
Protein Accession #	<a href="#">NP_059139</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_017443</a>
Gene Symbol	<a href="#">POLE3</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
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%; 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](mailto:info@avivasysbio.com)