



# 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	ARP58027_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/apex1-antibody-n-terminal-region-biotin-arp58027-p050-biotin.html">www.avivasysbio.com/apex1-antibody-n-terminal-region-biotin-arp58027-p050-biotin.html</a>
Name	APEX1 Antibody - N-terminal region : Biotin (ARP58027_P050-Biotin)
Protein Size (# AA)	318 amino acids
Molecular Weight	35kDa
Conjugation	Biotin
NCBI Gene Id	328
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	APEX nuclease (multifunctional DNA repair enzyme) 1
Alias Symbols	APE, APX, APE1, APEN, APEX, HAP1, REF1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MPKRGKKGAVAEDGDELRTPEAKKSKTAAKKNNDKEAAGEGPALYEDPPD</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein.
Protein Interactions	GADD45A; UBC; RPA3; RPA2; RPA1; rev; CCDC124; RIC8A; PABPC1; TWF2; XPOT; HNRNPUL1; ARIH2; PAPSS2; NAE1; PSMG1; TXNRD1; TXN; TCEB1; LGALS1; HNRNPK; CAPNS1; SRPK2; SRPK1; MUTYH; HMGA1; HMGA2; GZMK; GZMA; YBX1; EP300; ASCL2; STAT3; SNRPD1; SFPQ; APP; UBE2I;
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-APEX1 (ARP58027_P050-Biotin) antibody</a>
Blocking Peptide	For anti-APEX1 (ARP58027_P050-Biotin) antibody is <a href="#">Catalog# AAP58027</a> (Previous Catalog# AAPP43608)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APEX1
Uniprot ID	<a href="#">P27695</a>
Protein Name	DNA-(apurinic or apyrimidinic site) lyase
Sample Type Confirmation	APEX1 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	<a href="#">NP_001632</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001641</a>
Gene Symbol	<a href="#">APEX1</a>
Predicted Species Reactivity	Human, Pig
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%; Pig: 79%
<b>Image 1</b>	

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)