



# 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

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Product Number	ARP58318_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/pot1-antibody-middle-region-hrp-arp58318-p050-hrp.html">www.avivasysbio.com/pot1-antibody-middle-region-hrp-arp58318-p050-hrp.html</a>
Name	POT1 Antibody - middle region : HRP (ARP58318_P050-HRP)
Protein Size (# AA)	634 amino acids
Molecular Weight	71kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	25913
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protection of telomeres 1 homolog (S. pombe)
Alias Symbols	GLM9, CMM10, HPOT1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">CPKCHLLQEVPHFEGDLDIIFQDGATKTPDVKQLQNTSLYDSKIWTTKNQKG</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described.
Protein Interactions	TPP1; CFL2; ACD; CORO1A; KHDRBS1; LAMC3; BCAS2; MVP; ZNF32; ECI1; CSNK2B; COX6A2; ALDH1A1; ACTN4; SERTAD1; C2orf74; ZBTB49; ZBED2; CYP4F11; MYO5C; RIF1; NAP1L1; MDM2; KRT18; GRN; PACSIN1; SULT4A1; PGLS; AIPL1; SH3BP1; HAAO; NCDN; TWF2; ACOT7; DDX19B; PACS
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-POT1 (ARP58318_P050-HRP) antibody</a>
Blocking Peptide	For anti-POT1 (ARP58318_P050-HRP) antibody is <a href="#">Catalog# AAP58318</a> (Previous Catalog# AAPP33180)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human POT1
Uniprot ID	<a href="#">Q9NUX5</a>
Protein Name	Protection of telomeres protein 1
Protein Accession #	<a href="#">NP_001036059</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001042594</a>
Gene Symbol	<a href="#">POT1</a>
Predicted Species Reactivity	Human, Rat, Dog, Guinea Pig, Horse
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 79%; Guinea Pig: 85%; Horse: 79%; Human: 100%; Rat: 92%

**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.

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