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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	ARP58317_P050-FITC
Product Page	www.avivasysbio.com/pot1-antibody-middle-region-fitc-arp58317-p050-fitc.html
Name	POT1 Antibody - middle region : FITC (ARP58317_P050-FITC)
Protein Size (# AA)	634 amino acids
Molecular Weight	70kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: MNSENQTMLSLEFHLHGGSYGRGIRVLPESNSDQKLDLESANLTAN
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-POT1 (ARP58317_P050-FITC) antibody
Blocking Peptide	For anti-POT1 (ARP58317_P050-FITC) antibody is Catalog# AAP58317 (Previous Catalog# AAPP32927)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human POT1
Uniprot ID	Q9NUX5
Protein Name	Protection of telomeres protein 1
Protein Accession #	NP_056265
Purification	Affinity Purified
Nucleotide Accession #	NM_015450
Gene Symbol	POT1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 100%
Image 1	 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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