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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58048_P050-HRP
Product Page	www.avivasysbio.com/pole3-antibody-n-terminal-region-hrp-arp58048-p050-hrp.html
Name	POLE3 Antibody - N-terminal region : HRP (ARP58048_P050-HRP)
Protein Size (# AA)	147 amino acids
Molecular Weight	17kDa
Subunit	3
Conjugation	HRP: Horseradish Peroxidase
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: AERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFLYATSC
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 anti-POLE3 (ARP58048_P050-HRP) antibody
Blocking Peptide	For anti-POLE3 (ARP58048_P050-HRP) antibody is Catalog # AAP58048 (Previous Catalog # AAPP32471)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human POLE3
Uniprot ID	Q9NRF9
Protein Name	DNA polymerase epsilon subunit 3
Protein Accession #	NP_059139
Purification	Affinity Purified
Nucleotide Accession #	NM_017443
Gene Symbol	POLE3
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.

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