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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56406_P050-Biotin
Product Page	www.avivasysbio.com/polb-antibody-middle-region-biotin-arp56406-p050-biotin.html
Name	POLB Antibody - middle region : Biotin (ARP56406_P050-Biotin)
Protein Size (# AA)	335 amino acids
Molecular Weight	38kDa
Conjugation	Biotin
NCBI Gene Id	5423
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Polymerase (DNA directed), beta
Alias Symbols	MGC125976
Peptide Sequence	Synthetic peptide located within the following region: GPSAARKFYDEGIKTLEDLRKNEDKLNHHQRIGLKYFGDFEKRIPREML
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Batra, V.K., (2008) Mol. Cell 30 (3), 315-324
Description of Target	In eukaryotic cells, DNA polymerase beta (POLB) performs base excision repair (BER) required for DNA maintenance, replication, recombination, and drug resistance. Also see POLA (MIM 312040).
Protein Interactions	TPP2; SRPK2; XRCC1; RAD27; HHV8GK18_gp81; UBC; UNG; STUB1; HUWE1; PARP1; PCNA; NCAPG; WRN; TAF1D; KAT7; RAD1; TLE1; PRKCA; APEX1; PNKP; NEIL1;
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-POLB (ARP56406_P050-Biotin) antibody
Blocking Peptide	For anti-POLB (ARP56406_P050-Biotin) antibody is Catalog # AAP56406 (Previous Catalog # AAPP38719)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human POLB
Uniprot ID	P06746
Protein Name	DNA polymerase beta
Protein Accession #	NP_002681
Purification	Affinity Purified
Nucleotide Accession #	NM_002690
Gene Symbol	POLB
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%

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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