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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55429_P050-FITC
Product Page	www.avivasysbio.com/alkbh3-antibody-middle-region-fitc-arp55429-p050-fitc.html
Name	ALKBH3 Antibody - middle region : FITC (ARP55429_P050-FITC)
Protein Size (# AA)	286 amino acids
Molecular Weight	33kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	221120
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	AlkB, alkylation repair homolog 3 (E. coli)
Alias Symbols	ABH3, PCA1, DEPC1, hABH3, DEPC-1
Peptide Sequence	Synthetic peptide located within the following region: EMRKKPPPEENGDTYVERVKIPLDHGTLIMEGATQADWQHRVPKEYHS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sundheim,O., (2006) EMBO J. 25 (14), 3389-3397
Description of Target	The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine. The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]). [supplied by OMIM]. Sequence Note: removed 1 base from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1519 AB042029.1 2-1520
Protein Interactions	AK8; LNX1; GLRX3; IKZF1; GOLGA2; SRPK2; SRPK1;
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-ALKBH3 (ARP55429_P050-FITC) antibody
Blocking Peptide	For anti-ALKBH3 (ARP55429_P050-FITC) antibody is Catalog # AAP55429 (Previous Catalog # AAPP33321)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ALKBH3
Uniprot ID	Q96Q83
Protein Name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3
Protein Accession #	NP_631917
Purification	Affinity Purified
Nucleotide Accession #	NM_139178
Gene Symbol	ALKBH3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

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