

Product datasheet for **TA332927**

ALKBH3 Rabbit Polyclonal Antibody

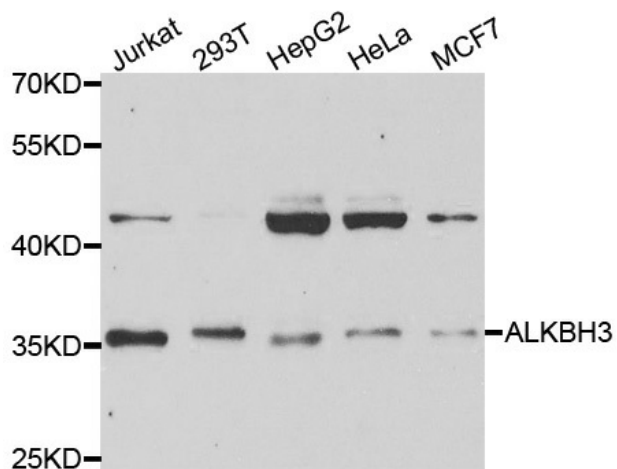
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human ALKBH3
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	286
Gene Name:	alkB homolog 3, alpha-ketoglutarate-dependent dioxygenase
Database Link:	NP_631917 Entrez Gene 69113 Mouse Q96Q83
Background:	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)
Synonyms:	ABH3; DEPC-1; DEPC1; PCA1
Protein Families:	Druggable Genome



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Product images:



Western blot analysis of extracts of various cell lines, using ALKBH3 antibody.