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Datasheet for ABIN652626  
**anti-ALKBH3 antibody (C-Term)**

2 Images

Overview

Quantity:	400 µL
Target:	ALKBH3
Binding Specificity:	AA 242-269, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALKBH3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ALKBH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-269 amino acids from the C-terminal region of human ALKBH3.
Clone:	RB22074
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ALKBH3
Alternative Name:	ALKBH3 ( <a href="#">ALKBH3 Products</a> )

## Target Details

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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.
Molecular Weight:	33375
Gene ID:	221120
NCBI Accession:	<a href="#">NP_631917</a>
UniProt:	<a href="#">Q96Q83</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

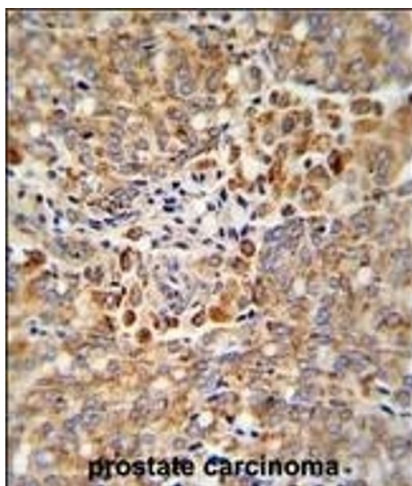
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Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

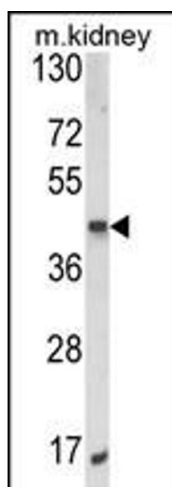
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with ALKBH3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of ALKBH3 Antibody (C-term) (ABIN652626 and ABIN2842418) in mouse kidney tissue lysates (35 µg/lane). ALKBH3 (arrow) was detected using the purified Pab.