

# Product Datasheet

## ALKBH4 Antibody - BSA Free

### NBP2-14737

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-14737**

ALKBH4 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

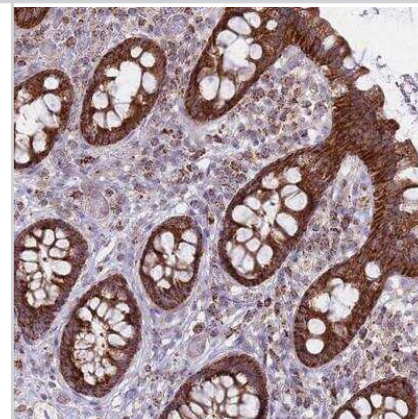
<b>Description</b>	Novus Biologicals Rabbit ALKBH4 Antibody - BSA Free (NBP2-14737) is a polyclonal antibody validated for use in IHC and WB. Anti-ALKBH4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	54784
<b>Gene Symbol</b>	ALKBH4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acids: TYRFIYCSDTGWAVGTEESDFEGWAFPFPGVMLIEDFVTREEEAELVRLMDRD PWKLSQSGRRKQDYGPKVN

**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Immunohistochemistry-Paraffin: ALKBH4 Antibody [NBP2-14737] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



## Publications

Aoki M, Ueda K, Kamimura G et al. Clinical significance of ALKBH4 expression in non-small cell lung cancer Translational Cancer Research 2022-07-01 [PMID: 35966331] (Immunohistochemistry, Human)

Kogaki T, Hase H, Tanimoto M et al. ALKBH4 is a novel enzyme that promotes translation through modified uridine regulation The Journal of biological chemistry 2023-07-26 [PMID: 37507018] (WB, Human)

Jingushi K, Aoki M, Ueda K et al. ALKBH4 promotes tumourigenesis with a poor prognosis in non-small-cell lung cancer Scientific reports 2021-04-21 [PMID: 33883577] (IF/IHC, Human)





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### **Products Related to NBP2-14737**

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NBP2-14737PEP	ALKBH4 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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