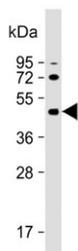


## ALKBH5 Antibody (F54722)

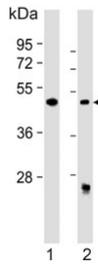
Catalog No.	Formulation	Size
F54722-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54722-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

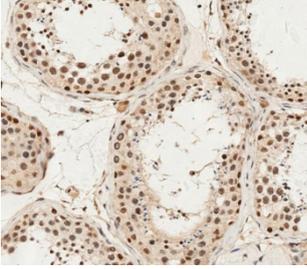
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q6P6C2
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
<b>Limitations</b>	This ALKBH5 antibody is available for research use only.



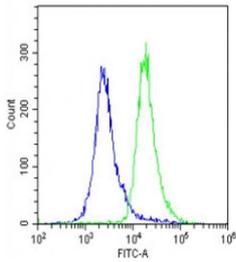
Western blot testing of human HEK293 cell lysate with ALKBH5 antibody. Predicted molecular weight: ~52 kDa.



Western blot testing of human 1) HeLa and 2) MCF7 cell lysate with ALKBH5 antibody.  
Predicted molecular weight: ~52 kDa.



IHC testing of FFPE human testis tissue with ALKBH5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with ALKBH5 antibody; Blue=isotype control, Green= ALKBH5 antibody.

## Description

Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N6-methyladenosine (m6A) RNA, the most prevalent internal modification of messenger RNA (mRNA) in higher eukaryotes. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the ALKBH5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 302-330 from the human protein was used as the immunogen for the ALKBH5 antibody.

## Storage

Aliquot the ALKBH5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.