

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ALKBH5

Numéro de catalogue: 67811-1-Ig

Phare

2 Publications



## Informations de base

Numéro de catalogue:	67811-1-Ig	Numéro d'acquisition GenBank:	BC062339	Méthode de purification:	Purification par protéine A
Taille:	150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	54890	CloneNo.:	2D2B2
Hôte:	Mouse	Nom complet:	alkB, alkylation repair homolog 5 (E. coli)	Dilutions recommandées:	WB 1:2000-1:10000
Isotype:	IgG2b	MW calculé	458 aa, 51 kDa		
Immunogen Catalog Number:	AG10490	MW observés:	40-44 kDa		

## Applications

### Applications testées:

WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, souris

### Contrôles positifs:

WB : cellules 4T1, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3

## Informations générales

ALKBH5, also named as ABH5 and OFOXD1, is a Dioxygenase that demethylates RNA by oxidative demethylation. It is a mammalian demethylase that oxidatively reverses m6A in mRNA in vitro and in vivo. ALKBH5 is required for spermatogenesis. There're some isoforms of ALKBH5 with MW 40-44 kDa and 52 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Wang	36333630	Apoptosis	WB
Zhiyong Yu	37321527	Cell Signal	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

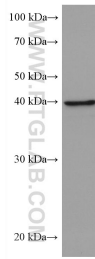
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

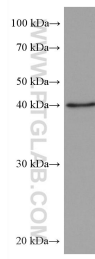
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

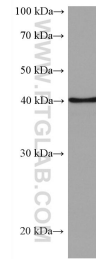
## Données de validation sélectionnées



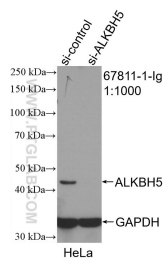
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67811-1-Ig (ALKBH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 67811-1-Ig (ALKBH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



4T1 cells were subjected to SDS PAGE followed by western blot with 67811-1-Ig (ALKBH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of ALKBH5 antibody (67811-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ALKBH5 transfected HeLa cells.