

For Research Use Only

ALKBH5 Recombinant antibody

Catalog Number: 82083-1-RR

Featured Product



Basic Information

Catalog Number: 82083-1-RR	GenBank Accession Number: BC062339	Purification Method: Protein A purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 54890	CloneNo.: 2K9
Source: Rabbit	Full Name: alkB, alkylation repair homolog 5 (E. coli)	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Calculated MW: 458 aa, 51 kDa	
Immunogen Catalog Number: AG10516	Observed MW: 40-50 kDa	

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, A549 cells, K-562 cells, mouse brain tissue, rat brain tissue

Background Information

ALKBH5, also named as ABH5 and OFOX1, 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.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

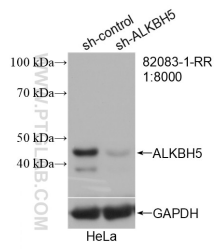
For technical support and original validation data for this product please contact:

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

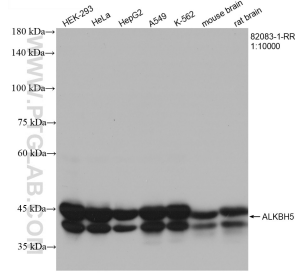
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



WB result of ALKBH5 antibody (82083-1-RR; 1:4900; incubated at room temperature for 1.5 hours) with sh-Control and sh-ALKBH5 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 82083-1-RR (ALKBH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.