

For Research Use Only

ALKBH7 Polyclonal ANTIBODY



Catalog Number: 15470-1-AP

Featured Product

1 Publications

Basic Information

Catalog Number:

15470-1-AP

Size:

150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7772

GenBank Accession Number:

BC004393

GeneID (NCBI):

84266

Full Name:

alkB, alkylation repair homolog 7 (E. coli)

Calculated MW:

25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human testis tissue,

IHC: human testis tissue,

Background Information

ALKBH7(Alkylated DNA repair protein alkB homolog 7) is also named as ABH7, SPATA11 and belongs to the alkB family. This protein may be a dioxygenase that requires molecular oxygen, alpha-ketoglutarate and iron. Quantitative real-time PCR detects variable ALKBH7 expression in all 16 tissues examined, with highest expression in pancreas, followed by spleen, prostate, ovary, and placenta(PMID:17979886). The gene encodes a 25 kDa protein with a 20 amino acid signal peptide.

Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer J Jordan	28726787	Cell Death Dis	WB

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

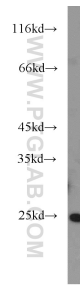
For technical support and original validation data for this product please contact:

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

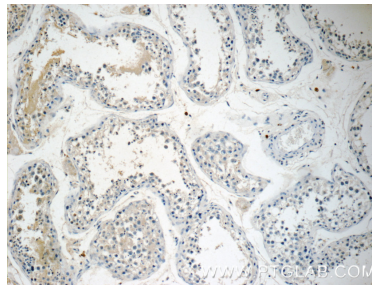
E: proteintech@ptglab.com
W: ptglab.com

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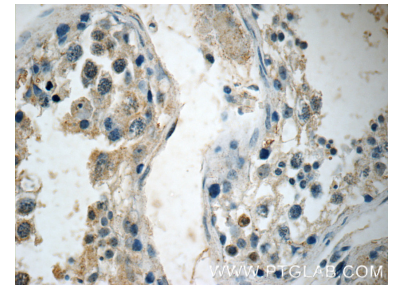
Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 15470-1-AP (ALKBH7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15470-1-AP (ALKBH7 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15470-1-AP (ALKBH7 Antibody) at dilution of 1:50 (under 40x lens).