

For Research Use Only

ALKBH7 Polyclonal antibody

Catalog Number: 15470-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15470-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7772

GenBank Accession Number:

BC004393

GeneID (NCBI):

84266

UNIPROT ID:

Q9BT30

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

Positive Controls:

WB : human testis tissue,

IHC : human testis tissue,

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

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
Li-Sheng Zhang	34253897	Nat Cell Biol	WB
Li Ren Kong	38608703	Cell	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:

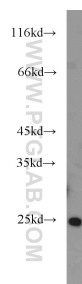
T: 4006900926

E: Proteintech-CN@ptglab.com

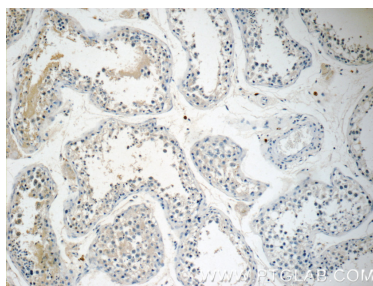
W: ptgcn.com

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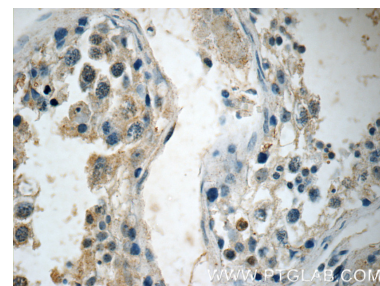
Selected Validation Data



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).