

bsm-61168R

[Primary Antibody]

ALKBH1 Recombinant Rabbit mAb

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 12E4

GeneID: 8846

SWISS: Q13686

Target: ALKBH1

Immunogen: A synthesized peptide derived from human ALKBH1: 1-85.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Dioxygenase that repairs alkylated single-stranded DNA and RNA containing 3-methylcytosine by oxidative demethylation. Requires molecular oxygen, alpha-ketoglutarate and iron.

Applications: **WB** (1:500-2000)

IHC-P (1:100-200)

IHC-F (1:100-200)

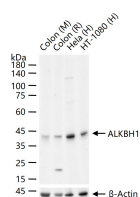
IF (1:100-200)

Reactivity: Human, Mouse, Rat

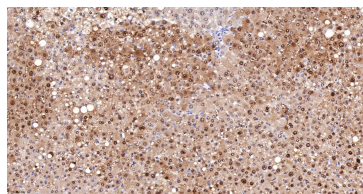
Predicted MW.: 44 kDa

Observed MW.: 44 kDa

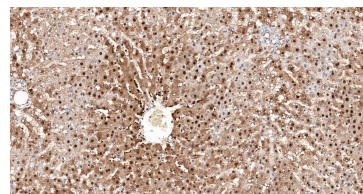
— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with ALKBH1 monoclonal antibody, unconjugated (bsm-61168R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ALKBH1 Monoclonal Antibody, Unconjugated (bsm-61168R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ALKBH1 Monoclonal Antibody, Unconjugated (bsm-61168R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.