

[Primary Antibody]

KAT1 Recombinant Rabbit mAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 3A7

GeneID: 8520

SWISS: 014929

Target: KAT1

Immunogen: A synthesized peptide derived from human KAT1: 200-419/419.

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: Histone acetyltransferase that plays a role in different biological processes including cell cycle progression, glucose metabolism, histone production or DNA damage repair. Coordinates histone production and acetylation via H4 promoter binding.

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

Flow-Cyt (1:50-100)

ICC/IF (1:50-200)

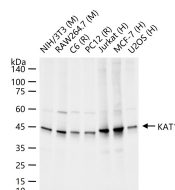
IP (1:20-50)

Reactivity: Human, Mouse, Rat

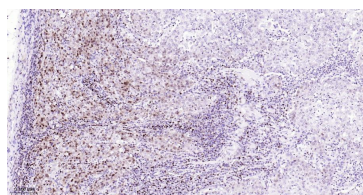
Predicted MW.: 50 kDa

Observed MW.: 45 kDa

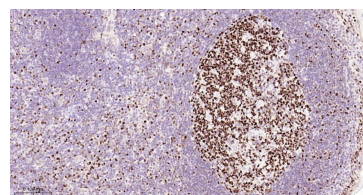
— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with KAT1 monoclonal antibody, unconjugated (bsm-62022R) 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 Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with KAT1 Monoclonal Antibody, unconjugated (bsm-62022R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with KAT1 Monoclonal Antibody, Unconjugated (bsm-62022R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.