

Product datasheet

Anti-KAT2A / GCN5 antibody [AT3G13] ab208097

1 References 2 Images

Overview

Product name	Anti-KAT2A / GCN5 antibody [AT3G13]
Description	Mouse monoclonal [AT3G13] to KAT2A / GCN5
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Immunogen	Recombinant fragment corresponding to Human KAT2A/ GCN5 aa 411-837.

Sequence:

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MGGGSNSSL LDSAGAEPMP GEKRTL PENL
TLEDAKRLRV MGDIPMELVN EVMLTITDPA
AMLGPETSL SANAARDETA RLEERRGIE
FHVIGNSLTP KANRRVLLWL VGLQNVFSHQ
LPRMPKEYIA RLVFDPKHKT LALIKDGRVI
GGICFRMFPT QGFTEIVFCA VTSNEQVKG Y
GTHLMNHLKE YHIKHNL YF LTYADEYAIG
YFKKQGF SKD IKVPKSRYLG YIKDYEGATL
MECELNPRIP YTELSHIIKK QKEI IKKLIE RKQAQIRKVY
PGLSCFKEGV RQIPVESVPG IRETGWKPLG
KEKGKELKDP DQLYTTLK NL LAQIKSHPSA
WPFMEPVKKS EAPDYEVIR FPIDLKTMTE
RLRSRYVTR KLFVADLQRV IANCREYNPP
DSEYCRCASA LEKFFYFKLK EGGLIDK
    
```

Database link: [Q92830](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control HeLa cells and HeLa whole cell lysate ([ab150035](#)).

General notes Derived from hybridization of mouse F0 myeloma cells.

This product was changed from ascites to tissue culture supernatant on 28/02/19. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: 89% PBS, 10% Glycerol
Purity	Protein G purified
Clonality	Monoclonal
Clone number	AT3G13
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab208097** in the following tested applications.

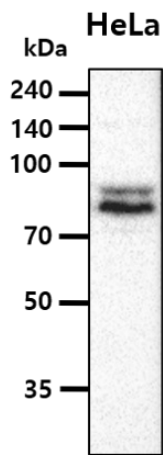
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/250 - 1/1000. Predicted molecular weight: 94 kDa.
ICC/IF		1/250 - 1/500.

Target

Function	Functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation. Has significant histone acetyltransferase activity with core histones, but not with nucleosome core particles. In case of HIV-1 infection, it is recruited by the viral protein Tat. Regulates Tat's transactivating activity and may help inducing chromatin remodeling of proviral genes. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Tissue specificity	Expressed in all tissues tested, with most abundant expression in ovary.
Sequence similarities	Belongs to the GCN5 family. Contains 1 bromo domain. Contains 1 N-acetyltransferase domain.
Cellular localization	Nucleus.

Images



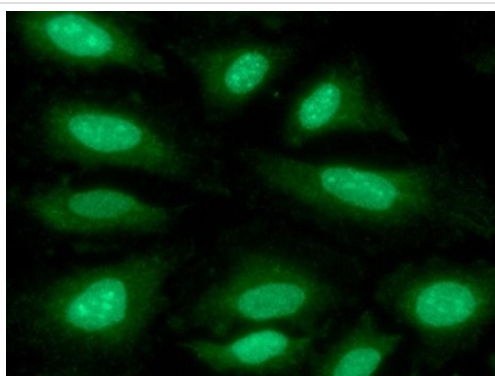
Western blot - Anti-KAT2A / GCN5 antibody
[AT3G13] (ab208097)

Anti-KAT2A / GCN5 antibody [AT3G13] (ab208097) at 1/1000
dilution + HeLa cell lysate at 35 µg

Secondary

goat anti-mouse secondary antibody conjugated to HRP

Predicted band size: 94 kDa



Immunocytochemistry/ Immunofluorescence - Anti-
KAT2A / GCN5 antibody [AT3G13] (ab208097)

Immunofluorescent analysis of HeLa cells labeling KAT2A / GCN5
with ab208097 at 1/500 dilution.

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