

## HBO1 Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP03902   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 20ul, 50ul, 100ul  |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human MYST2. AA range:131-180  |
| <b>Mol wt</b>                  | 70642  |
| <b>Species reactivity</b>      | Human, Mouse, Rat  |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, IF, ELISA  |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | HBO1 Antibody  |
| <b>Synonyms</b>                | KAT7; HBO1; HBOa; MYST2; Histone acetyltransferase KAT7; Histone acetyltransferase binding to ORC1; Lysine acetyltransferase 7; MOZ; YBF2/SAS3, SAS2 and TIP60 protein 2; MYST-2 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

KAT7 is a gene on chromosome 17q21.2 that encodes a component of the HBO1 complex which is responsible for the bulk of histone H4 acetylation. Histone acetyltransferase KAT7 specifically represses AR-mediated transcription; it may regulate DNA replication by chromatin acetylation and act as a coactivator of TP53-dependent transcription.

### Recommended Dilution

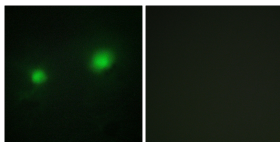
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

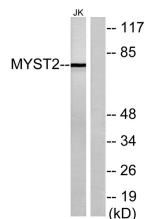
ELISA: 1: 20000

Not yet tested in other applications.

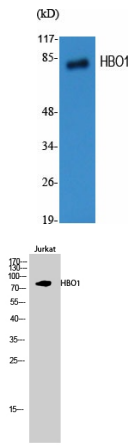
### Images



Immunofluorescence analysis of HUVEC cells, using MYST2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using MYST2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HBO1 Polyclonal Antibody diluted at 1:2000 cells nucleus.

Western Blot analysis of Jurkat cells using HBO1 Polyclonal Antibody diluted at 1:2000 cells nucleus.

### Storage

-20°C for one year

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