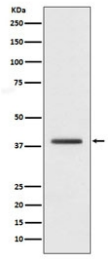
# H2AFY Antibody / Macro H2A.1 [clone ADDI-8] (RQ4775)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4775 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-2 weeks |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | ADDI-8 |
| **Purity** | Affinity purified |
| **UniProt** | O75367 |
| **Applications** | Western blot: 1:1000-1:5000 |
| **Limitations** | This H2AFY antibody is available for research use only. |




Western blot testing of human HepG2 cell lysate with H2AFY antibody. Predicted molecular weight ~40 kDa.

## Description

'Core histone macro-H2A.1' is involved in stable X chromosome inactivation. Inhibits the binding of transcription factors and interferes with the activity of remodeling SWI/SNF complexes. Inhibits histone acetylation by EP300 and recruits class I HDACs, which induces an hypoacetylated state of chromatin.

## Application Notes

Optimal dilution of the H2AFY antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human H2AFY / macroH2A.1 was used as the immunogen for the H2AFY antibody.

## Storage

Store the H2AFY antibody at -20oC.


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