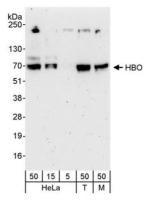
HBO Antibody

| 5 | | Protein ID GenelD | NP_008998.1 11143 | BETHYL LABORATORIES, INC | |
|--------------------------|--|--|--|--|--|
| APPLICATIONS | WB, IHC | | | | |
| SPECIES REACTIVIT | FY Human, Mous | Human, Mouse | | | |
| PRESUMED REACT | VITY Based on 100 | Based on 100% sequence identity, this antibody is predicted to react with Rat | | | |
| AMOUNT | 100 µl (10 blo | 100 µl (10 blots) | | | |
| CONCENTRATION | 40 µg/ml | 40 μg/ml | | | |
| STORAGE/SHELF L | IFE 2 – 8°C / 1 ye | 2 - 8° C / 1 year from date of receipt | | | |
| PHYSICAL STATE | Liquid | Liquid | | | |
| BUFFER | Tris-buffered | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide | | | |
| ISOTYPE | IgG | IgG | | | |
| ORIGIN | ORIGIN USA | | | | |
| PRODUCTION PROCEDURES | The epitope re human histon | Antibody was affinity purified using an epitope specific to HBO immobilized on solid support. The epitope recognized by A302-224A-M maps to a region between residue 125 and 175 of human histone acetyltransferase binding to ORC1 (MYST histone acetyltransferase 2) using the numbering given in entry NP_008998.1 (GeneID 11143). | | | |
| APPLICATIONS | | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. | | | |
| | Western Blot | 1:1 | 000 | | |
| | Immunopreci | pitation No | t recommended | | |
| | Immunohisto | , | 20 – 1:100. Epitope retriev commended for FFPE tissue | al with citrate buffer pH 6.0 is sections. | |
| APPLICATION NOT | ES Western blot of | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. | | | |
| ADDITIONAL INFO | DITIONAL INFOhttps://www.bethyl.com/product/A302-224A-MUse the link above to view SDS, a current list of citations, and other product specific information | | | | |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human and mouse HBO by western blot.

Samples: Whole cell lysate from HeLa (5, 15, and 50 µg), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50µg) cells. Antibody: Affinity purified rabbit anti-HBO antibody A302-224A-M used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 minutes.

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