

# HBO Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_008998.1

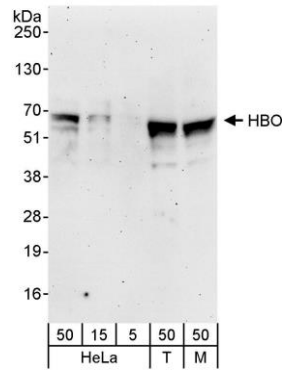
Catalog No. A302-225A-M GeneID 11143

Lot No. A302-225A-M-1



<b>APPLICATIONS</b>	WB
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat
<b>AMOUNT</b>	100 µl (10 blots)
<b>CONCENTRATION</b>	500 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to HBO immobilized on solid support.  The epitope recognized by A302-225A-M maps to a region between residue 561 and 611 of human histone acetyltransferase binding to ORC1 (MYST histone acetyltransferase 2) using the numbering given in entry NP_008998.1 (GeneID 11143).
<b>APPLICATIONS</b>	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 1:1000  Immunoprecipitation Not recommended
<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A302-225A-M">https://www.bethyl.com/product/A302-225A-M</a> Use 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



**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 A302-225A-M used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.