AKR1B1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P15121.3

Catalog No. A305-307A GenelD 231

Lot No. A305-307A-1

APPLICATIONS WB

SPECIES REACTIVITY Human
AMOUNT 100 µI

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to AKR1B1 immobilized on solid support.

The epitope recognized by A305-307A maps to a region between residue 1 to 50 of human

Aldose reductase using the numbering given in entry P15121.3 (GeneID 231).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

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 1:2,000 - 1:10,000 Immunoprecipitation Not recommended

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.

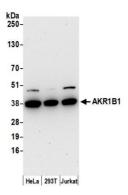
ADDITIONAL INFO https://www.bethyl.com/product/A305-307A

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 AKR1B1 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-AKR1B1 antibody A305-307A (lot A305-307A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.