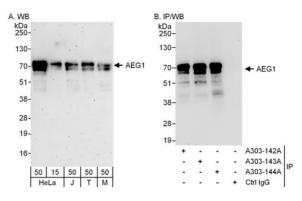
## AEG1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 848927.2 A303-144A Catalog No. GenelD 92140 Lot No. A303-144A-1 BOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human, Mouse 100 µl AMOUNT CONCENTRATION $200 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to AEG1 immobilized on solid support. PROCEDURES The epitope recognized by A303-144A maps to a region between residue 300 and 350 of human Astrocyte Elevated Gene-1 protein using the numbering given in entry NP\_848927.2 (GeneID 92140). 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 $2 - 10 \mu g/mg$ lysate APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. ADDITIONAL INFO https://www.bethyl.com/product/A303-144A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human and mouse AEG1 by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50  $\mu$ g), HEK293T (T; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-AEG1 antibody A303-144A used for WB at 0.04  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 6  $\mu$ g/mg lysate. AEG1 was also immunoprecipitated by rabbit anti-AEG1 antibodies. Add A303-143A, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).