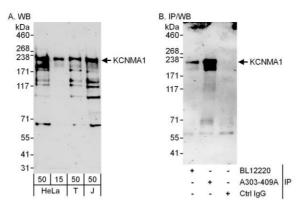
| KCNMA1 Antibody | | | | | |
|--|---|---|----------------------|---------------------------|-----------------------------|
| - | - | | Protein ID GeneID | NP_001154824.1 3778 | BETHYL LABORATORIES, INC |
| APPLICATIONS | | WB, IP | | | |
| SPECIES REACTIVITY | | Human | | | |
| PRESUMED REACTIVITY | | Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, X. laevis, Chicken, Bovine, Dog, Rabbit, Pig and Monkey | | | |
| AMOUNT | | 100 µl | | | |
| 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 KCNMA1 immobilized on solid support. | | | |
| | | The epitope recognized by A303-409A maps to a region between residue 450 and 500 of human Potassium Large Conductance Calcium-Activated Channel, Subfamily M, Alpha Member 1 using the numbering given in entry NP_001154824.1 (GeneID 3778). | | | |
| | | 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 | 1:5 | 00 - 1:2,500 | |
| | | Immunoprecip | itation 2 - | 10 µg/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 4–8% SDS–PAGE (link to IP-western blot protocol in Additional Info section below). | | | |
| | | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. | | | |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A303–409A | | | |
| | | Use the link above to view SDS, a current list of citations, and other product specific information. | | | |
| | | IP-western blot | protocol: http | s://www.bethyl.com/conter | nt/protocol_IP_WB |
| This document cortifies that this product has met all of the quality control standards defined by Pothyl Laboratories. Inc | | | | | |

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 KCNMA1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. Antibodies: Affinity purified rabbit anti-KCNMA1 antibody A303-409A used for WB at 0.4 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. KCNMA1 was also immunoprecipitated by rabbit anti-KCNMA1 antibody BL12220, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A and B).

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