

## Anti-Kv2.2 Potassium Channel Antibody

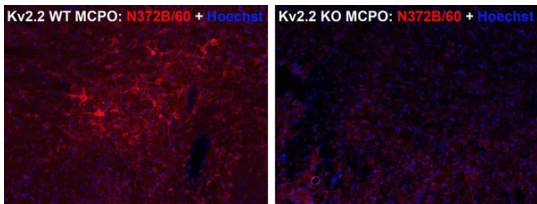


### Product Details

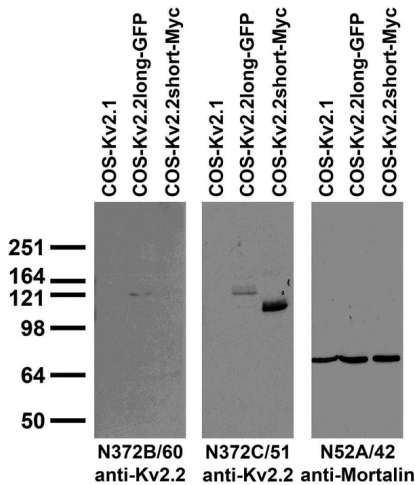
|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:75-360)                                                                                                                                     |
| Conjugate          | Unconjugated                                                                                                                                            |
| Isotype            | IgG2b                                                                                                                                                   |
| Clone              | N372B/60                                                                                                                                                |
| Gene Name          | Kcnb2                                                                                                                                                   |
| Host Species       | Mouse                                                                                                                                                   |
| Concentration      | 1 mg/mL                                                                                                                                                 |
| Format             | Purified by Protein A chromatography                                                                                                                    |
| Physical State     | Liquid                                                                                                                                                  |
| Buffer             | 10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125                                                                                         |
| Production Notes   | Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.      |
| Applications       | ELISA, ICC, IHC, WB                                                                                                                                     |
| Species Reactivity | Mouse, Rat                                                                                                                                              |
| Immunogen          | Fusion protein amino acids 717-907 (cytoplasmic C-terminus) of rat Kv2.2 long isoform (accession number Q63099) produced recombinantly in E. Coli       |
| Specificity        | Does not cross-react with Kv2.2 short isoformDoes not cross-react with Kv2.1                                                                            |
| Molecular Weight   | 120 kDa                                                                                                                                                 |
| Quality Control    | Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band. |

|                             |                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>              | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| <b>Antibody Registry ID</b> | AB_2315868                                                                                                                                                                                                      |
| <b>UniProt ID</b>           | <a href="#">Q63099</a>                                                                                                                                                                                          |
| <b>Country of Origin</b>    | United States                                                                                                                                                                                                   |
| <b>Shipping</b>             | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>           | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>      | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

### Product Images



Immunofluorescence staining of adult wild-type (WT) and Kv2.2 knockout (KO) mouse magnocellular preoptic nucleus (MCPO) with N372B/60 (red) and Hoechst nuclear stain (blue).



Immunoblot against extracts of COS cells transiently transfected with GFP-tagged Kv2.2long, Myc-tagged Kv2.2short or untagged Kv2.1 plasmid probed with N372B/60 (left), N372C/51 (middle) or N52A/42 (right) TC supe.

Product Page URL: [www.antibodiesinc.com/products/anti-kv2-2-potassium-channel-antibody-n372b-60-75-360](http://www.antibodiesinc.com/products/anti-kv2-2-potassium-channel-antibody-n372b-60-75-360)

