



## RABBIT ANTI-KCNQ5 POTASSIUM CHANNEL POLYCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	AB5599
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	50 µL
<b>SPECIFICITY:</b>	Specific for KCNQ5.
<b>IMMUNOGEN:</b>	Fusion protein from KCNQ5
<b>APPLICATIONS:</b>	<p><u>Western blot:</u> 1:500-1:2,000. Suggested blocking buffer is 5% non-fat dry milk with 0.05% Tween 20 in PBS. Expected molecular weight is approximately 116 kDa on transfected cells. On rat brain extract the antibody recognizes a protein of approximately 141 kDa.</p> <p><u>Immunohistochemistry:</u> 1:1,000 for 24-72 hours on 4% paraformaldehyde fixed human tissue. Suggested blocking buffer 3% goat serum, 1% BSA, 0.25% Triton X100 in PBS.</p> <p><u>Immunocytochemistry:</u> 1:1,000 on transfected HEK293 cell line. Suggested fixative is 4% paraformaldehyde in PBS. Suggested blocking buffer 3% goat serum, 1% BSA, 0.25% Triton X100 in PBS.</p> <p><u>Immunoprecipitation</u> Optimal working dilutions must be determined by the end user.</p>
<b>SPECIES REACTIVITIES:</b>	Human, rat and mouse. Other species have not been tested.
<b>FORMAT:</b>	Rabbit serum.
<b>PRESENTATION:</b>	Liquid.
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles. Do not store in a self-defrosting freezer.
<b>REFERENCE:</b>	Yus-Najera, E., et al., <i>Neuroscience</i> (2003) <b>120</b> :353-364.

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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