



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Rabbit Anti-mouse KV4.3 Polyclonal Antibody Datasheet**

<b>Catalogue No</b>	AI80010A
<b>Product name</b>	Purified rabbit anti-mouse KV4.3 polyclonal antibody
<b>Product type</b>	Primary antibody
<b>Description</b>	Rabbit anti-mouse voltage-gated potassium channel KV4.3 polyclonal antibody.
<b>Target protein</b>	Mouse voltage-gated potassium channel KV4.3
<b>Immunogen</b>	A synthetic peptide (RTTLERYPDT) corresponding to amino acid 55-64 of mouse KV4.3, conjugated with KLH for immunization.
<b>Specificity</b>	This antibody recognizes the 74kDa mouse voltage-gated potassium channel KV4.3
<b>Reactivity</b>	Mouse, others not tested
<b>Clonality</b>	Polyclonal
<b>Source</b>	Rabbit
<b>Formulation</b>	Lyophilized in pH 7.4, 0.01M PBS. To reconstitute, add appropriate volume of dH <sub>2</sub> O to reach a final antibody concentration of 1mg/ml.
<b>Applications</b>	Dilute approx. 1:500,000 for EIA Dilute approx. 1:5,000 for using in Western blotting to detect the 74kDa KV4.3 in mouse brain tissue extract.
<b>Storage</b>	Store in aliquots at -20°C. Avoid repeated freeze/thaw cycles
<b>Research</b>	Life science research.
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

### **Experimental data**



Fig.1 Western blot analysis of extracts from mouse brain using anti-KV4.3 rabbit whole KV4.3 (74kDa) antiserum.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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