

## KVβ1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16890	Rabbit	1 mg/ml	
<b>Applications</b>	IHC		
<b>Reactivity</b>	Human,Rat,Mouse		
<b>Dilution</b>	IHC 1:100-200		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	KVβ1 protein(A255) detects endogenous levels of KVβ1		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.		
<b>Immunogen</b>	Synthetic Peptide of KVβ1		
<b>Uniprot No</b>	Q14722		
<b>Alternative names</b>	Voltage-gated potassium channel subunit beta-1 (K(+)) channel subunit beta-1) (Kv-beta-1)		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>potassium voltage-gated channel subfamily A member regulatory beta subunit 1(KCNAB1) Homo sapiens Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member includes distinct isoforms which are encoded by alternatively spliced transcript variants of this gene. Some of these isoforms are beta subunits, which form heteromultimeric complexes with alpha subunits and modulate the activity of the pore-forming alp</p>		
<b>Other</b>	KCNAB1, Voltage-gated potassium channel subunit beta-1 (K(+)) channel subunit beta-1) (Kv-beta-1)		

---

**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

**Trademarks**

All product names and trademarks are the property of their respective owners.

**Regulatory Disclaimer**

For life science research only. Not for use in diagnostic procedures.

---

**Contact and Support:**

To ask questions, solve problems, suggest enhancements and report new applications, please visit our [Online Technical Support Site](#).

To call, write, fax, or email us, please visit [www.aabsci.cn](http://www.aabsci.cn), contact information will be displayed.

---