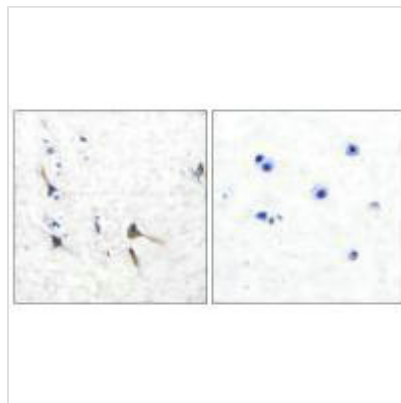


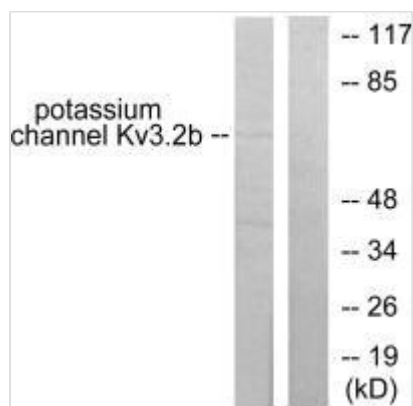


KCNC2 Antibody

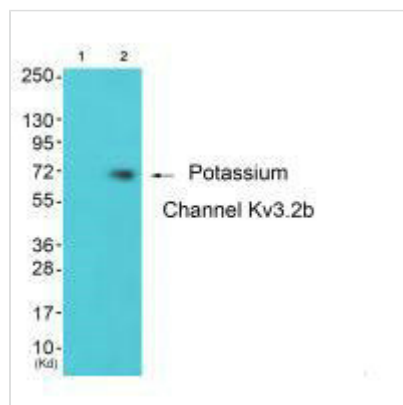
Product Code	CSB-PA616429
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96PR1
Immunogen	Synthesized peptide derived from Human Potassium Channel Kv3.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Tested Applications	ELISA, WB, IHC, IF; WB: 1:500-1:3000, IHC: 1:50-1:100, IF: 1:100-1:500
Relevance	Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Channel properties are modulated by subunit assembly. By similarity. Lizhen Yan, Mol. Pharmacol., May 2005; 67: 1513 - 1521. Bart A. Jessen, Toxicol. Sci., Sep 2003; 75: 208 - 222. Qingwei Deng, J. Neurosci., Dec 2005; 25: 11531 - 11541. Shuk Yin M. Yeung, J. Neurosci., Sep 2005; 25: 8735 - 8745.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	POTASSIUM CHANNEL; VOLTAGE-GATED; SHAW-RELATED SUBFAMILY; MEMBER 2;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KCNC2
Image	



Immunohistochemical analysis of paraffin-embedded human brain tissue using Potassium Channel Kv3.2b antibody.



Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b antibody.



Western blot analysis of extracts from 293 cells (Lane 2), using Potassium Channel Kv3.2b antibody. The lane on the left is treated with synthesized peptide.