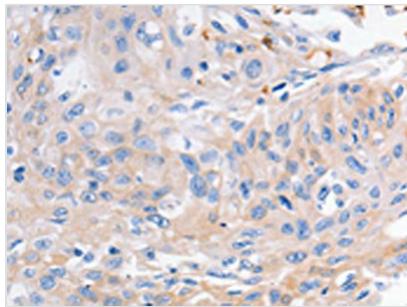
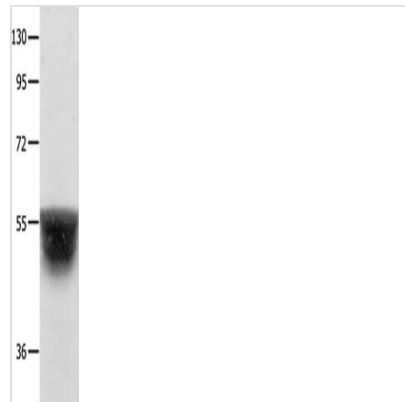




KCNA1 Antibody

Product Code	CSB-PA620771
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q09470
Immunogen	Synthetic peptide of Human KCNA1
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC; ELISA: 1:1000-1:5000, WB: 1:500-1:2000, IHC: 1:15-1:50
Relevance	This gene encodes a voltage-gated delayed potassium channel that is phylogenetically related to the <i>Drosophila</i> Shaker channel. The encoded protein has six putative transmembrane segments (S1-S6), and the loop between S5 and S6 forms the pore and contains the conserved selectivity filter motif (GYGD). The functional channel is a homotetramer. The N-terminus of the channel is associated with beta subunits that can modify the inactivation properties of the channel as well as affect expression levels. The C-terminus of the channel is complexed to a PDZ domain protein that is responsible for channel targeting. Mutations in this gene have been associated with myokymia with periodic ataxia (AEMK).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	KCNA1
Image	 <p>The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CSB-PA620771(KCNA1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)</p>



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane:
Human brain malignant glioma tissue, Primary
antibody: CSB-PA620771(KCNA1 Antibody) at
dilution 1/400, Secondary antibody: Goat anti
rabbit IgG at 1/8000 dilution, Exposure time: 20
seconds