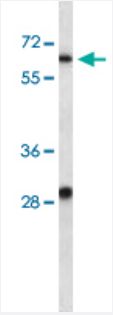
KCNC1 polyclonal antibody

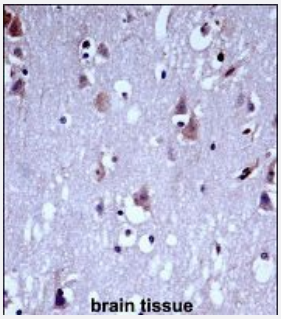
Catalog # PAB28508 Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of KCNC1 polyclonal antibody (Cat # PAB28508) in HepG2 cell line lysates (35ug/lane). KCNC1 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain tissue with KCNC1 polyclonal antibody (Cat # PAB28508) followed by peroxidase conjugation of the secondary antibody and DAB staining.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNC1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 479-508 at C-terminal regi on at human KCNC1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	Immunohistochemistry (1:10-50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — KCNC1

Entrez GeneID	3746
Protein Accession#	P48547
Gene Name	KCNC1
Gene Alias	FLJ41162, FLJ42249, FLJ43491, KV3.1, KV4, MGC129855, NGK2
Gene Description	potassium voltage-gated channel, Shaw-related subfamily, member 1
Omim ID	176258
Gene Ontology	Hyperlink
Gene Summary	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the d elayed rectifier class of channel proteins and is an integral membrane protein that mediates the v oltage-dependent potassium ion permeability of excitable membranes. Multiple transcript variants encoding different isoforms have been inferred for this gene based on orthologous loci. [provided by RefSeq

Other Designations	Shaw-related voltage-gated potassium channel protein 1|potassium voltage-gated channel subfamily C member 1|voltage-gated potassium channel protein KV3.1

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema