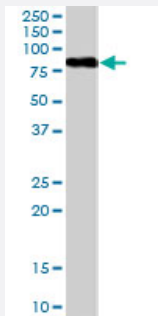


KCNC3 polyclonal antibody

Catalog # PAB7096

Size 100 ug

Applications



Western Blot (Tissue lysate)

KCNC3 polyclonal antibody (Cat # PAB7096) (0.3 ug/mL) staining of human brain (frontal cortex) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of KCNC3.

Immunogen A synthetic peptide corresponding to human KCNC3.

Sequence C-KPGPPSFLPDLNAN

Host Goat

Theoretical MW (kDa) 80.5

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

KCNC3 polyclonal antibody (Cat # PAB7096) (0.3 ug/mL) staining of human brain (frontal cortex) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KCNC3

Entrez GeneID	3748
Protein Accession#	NP_004968.2
Gene Name	KCNC3
Gene Alias	KSHIID, KV3.3, SCA13
Gene Description	potassium voltage-gated channel, Shaw-related subfamily, member 3
Omim ID	176264 605259
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 delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. [provided by RefSeq]
Other Designations	Shaw-related voltage-gated potassium channel protein 3 voltage-gated potassium channel protein KV3.3

Publication Reference

- [Mutations in voltage-gated potassium channel KCNC3 cause degenerative and developmental central nervous system phenotypes.](#)

Waters MF, Minassian NA, Stevanin G, Figueroa KP, Bannister JP, Nolte D, Mock AF, Evidente VG, Fee DB, Muller U, Durr A, Brice A, Papazian DM, Pulst SM.

Nature Genetics 2006 Apr; 38(4):447.

Disease

- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)