



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### KCNQ3 DNAXPab

**Catalog Number:** H00003786-W01P

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a partial-length human KCNQ3 DNA using DNAX™ Immune technology.

**Immunogen:** KCNQ3 (AAI52756.1, 352 a.a. ~ 872 a.a.) partial-length human DNA

**Sequence:**

GSGLALKVQEQHRQKHFEKRRKPAELIQAAWRYAT  
NPNRIDLVATWRFYESVVSFFFRKEQLEAASSQKGLG  
LDRVRLSNPRGSNTKGKLFPLNVDAIEESPSKEPKV  
GLNNKERFRTAFRMKAYAFWQSSSEDAGTGDPMAEDR  
GYGNDPFIEDMIPTLKAIRAVRILQFRLYKKKFKETLR  
PYDVKDVIEQYSAGHLDMLSRIKYLQTRIDMIFTPGPPS  
TPKHKKSQKGSFTFSPQQSPRNEPYVARPSTSEIED  
QSMMGKFVKVERQVQDMGKKLDFLDMHMQHMERL  
QVQVTEYYPTKGTSSPAEAEKKEDNRYSDLKTIICNYS  
ETGPPEPPYSFHQVTIDKVSPYGFFAHDPVNLPRGGP  
SSGKVQATPPSSATTYVERPTVLPILTLLDSRVSCHSQ  
ADLQGPYSRISPRQRSITRSDTPLSLMSVNHEELE  
RSPSGFSISQDRDDYVFGPNGGSSWMREKRYLAEGE  
TDTDTPFTPSGSMPLSSTGDGISDSVWTPSNKPI

**Host:** Rabbit

**Technology:** [DNAX™ Immune](#)

**Reactivity:** Human

**Applications:** Flow Cyt-Tr, IF-Ex, IF-Tr, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Purification:** Protein A

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3786

**Gene Symbol:** KCNQ3

**Gene Alias:** BFNC2, EBN2, KV7.3

**Gene Summary:** The M channel is a slowly activating and deactivating potassium channel that plays a critical role in the regulation of neuronal excitability. The M channel is formed by the association of the protein encoded by this gene and one of two related proteins encoded by the KCNQ2 and KCNQ5 genes, both integral membrane proteins. M channel currents are inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 2 (BFNC2), also known as epilepsy, benign neonatal type 2 (EBN2). [provided by RefSeq]