

DNAPab

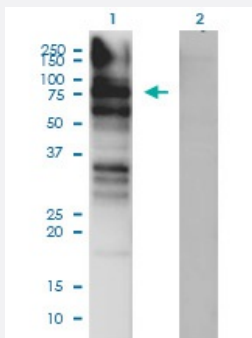
Hard-to-Find
Antibody

KCNQ3 DNAPab

Catalog # H00003786-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KCNQ3 expression in transfected 293T cell line by KCNQ3 DNAPab polyclonal antibody.

Lane 1: KCNQ3 transfected lysate(78.43 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human KCNQ3 DNA using DNAPab™ Immune technology.

Technology

[DNAPab™ Immune](#)

Immunogen

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

Sequence

GSGLALKVQEQHRQKHFEKRRKPAAELIQAAWRYATNPNRIDLVATWRFYESVVSFPFFRKEQL
EAASSQKLGLLDRVRLSNPRGSNTKGKLFPLNVDIAEESPSKEPKVGLNNKERFRTAFRMKAY
AFWQSSSEDAGTGDPMAEDRGYGNDFPIEDMIPTLKAAIRAVRILQFRLYKKKFKETLRPYDVKDV
EQYSAGHLDMLSRKYLQTRIDMIFTPGPPSTPKHKKSQKGSFTFSPQQSPRNEPYVARPSTSEI
EDQSMMGKFVKVERQVQDMGKKLDFLVDMMHMQHMERLQVQVTEYYPTKGTSSPAEAEKKEDN
RYSCLKTICNYSETGPPPEPPYSFHQVTIDKVSPYGFFAHDPVNLPRGGPSSGKVQATPPSSATTY
VERPTVLPILTLDSRVSCHSQADLQGPYSRISPRQRRSITRDSDTPLSLMSVNHHEELERSPSGF
SISQDRDDYVFGPNGGSSWMREKRYLAEGETDTDTPFTPSGSMPLSSTGDGISDSVWTPSNK
PI

Host

Rabbit

Reactivity

Human

Purification

Protein A

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of KCNQ3 expression in transfected 293T cell line by KCNQ3 DNAxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — KCNQ3

Entrez GeneID	3786
GeneBank Accession#	BC152755.1
Protein Accession#	AA152756.1
Gene Name	KCNQ3
Gene Alias	BFNC2, EBN2, KV7.3
Gene Description	potassium voltage-gated channel, KQT-like subfamily, member 3
Omim ID	121201 602232
Gene Ontology	Hyperlink
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]

Other Designations

potassium channel, voltage-gated, subfamily Q, member 3|potassium voltage-gated channel KQT-like protein 3

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Migraine without Aura](#)
- [Tobacco Use Disorder](#)