Support KCNA2 Epilepsy

Transparency and donor confidence are very important to us. When you make a donation to KCNA2 Epilepsy, Inc., you can be certain that your gift is carefully stewarded by the KCNA2 board of directors.

KCNA2 Epilepsy, Inc. does not compensate our Board of Directors or our Scientific Advisory Committee for their time or service. Over 95% of all funds donated go toward increasing awareness, promoting research, and finding appropriate treatment options for individuals diagnosed with KCNA2.

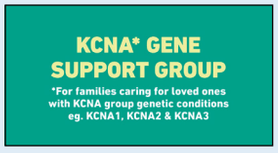
KCNA2 is a 501c3

KCNA2 Epilepsy Inc. is a 501c3 non-profit organization. All donations are tax deductible to the extent of the law. (Entity Number 4580404)

Join our KCNA2 family

If you or your child is diagnosed with KCNA2, join our private Facebook group.

Anyone can join our public KCNA2 group on Facebook.



Join our KCNA support group established to connect all KCNA gene groups.

KCNA2 Zoom Meetings Around the Globe

KCNA2 Gene Mutation Discovered in 2012 Included in Genetic Testing in 2015

Global Awareness Day 5K Fun Run

KCNA2 Epilepsy Global Support Community

KCNA2

A RARE FORM OF EPILEPSY

www.kcna2epilepsy.org

What is KCNA2 Epilepsy?

KCNA2 epileptic encephalopathy is a seizure disorder caused by a gene variation on the KCNA2 potassium channel located in the brain. A KCNA2 gene variation is considered a rare epilepsy.

The variation in the KCNA2 gene causes the potassium channel to function improperly. Depending on the variation, the KCNA2 channel may be hyper-excitable (gain of function), electrically silenced (loss of function), or have a combination of both excitability (gain) and silence (loss) of function.

Clinical Characteristics of KCNA2 can include:

- Seizures that are often difficult to control
- Global developmental delays
- Cognitive and learning challenges
- Speech difficulties such as dysarthria
- Motor and balance difficulties such as ataxia
- Difficulty tracking with eyes
- Sleep difficulties
- Hypertonia/Hypotonia

Our Mission is to promote education about KCNA2 so that patient-focused research and effective treatments leading to a cure become available around the world.

www.kcna2epilepsy.org

KCNA2 Scientific Advisory Committee

Our world-renowned Scientific Advisory Committee is a diverse group of geneticists and neurologists from Germany, Denmark and the United States dedicated to researching rare epilepsies. In 2021, they collaborated with our KCNA2 global community to conduct the first ever KCNA2 Natural History Study.

What We Do

Since the creation of our parent group via Facebook in 2017, over 65 families from 17 countries have joined our KCNA2 family.

Though there is currently no cure, there is a need for research and effective treatment interventions for KCNA2. Together we will raise awareness about this rare form of epilepsy until we find a cure.

Get Involved and Support Us

We need the support of communities around the world. There are many opportunities to get involved:

- Host or attend a fundraiser
- Join our annual KCNA2 Fun Run
- Join our social media groups
- Sign up for our KCNA2 Newsletter
- Donate to KCNA2 on our website
- Email us at: kcna2epilepsy@gmail.com