# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 2, 2025

# Kv4.2 K+ channel (external)

RRID:AB\_2877281 Type: Antibody

#### **Proper Citation**

(DSHB Cat# K57/1, RRID:AB\_2877281)

#### Antibody Information

URL: http://antibodyregistry.org/AB\_2877281

Proper Citation: (DSHB Cat# K57/1, RRID:AB\_2877281)

Target Antigen: KCND2

Host Organism: mouse

Clonality: monoclonal

**Comments:** Applications: Gel Supershift, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western blot INFO: Deposited by Trimmer, J.S. - UC Davis

Antibody Name: Kv4.2 K+ channel (external)

Description: This monoclonal targets KCND2

Target Organism: rat, worm, mouse

Clone ID: K57/1

Defining Citation: PMID:12829703

Antibody ID: AB\_2877281

Vendor: DSHB

Catalog Number: K57/1

Record Creation Time: 20241016T225735+0000

Record Last Update: 20241016T234629+0000

## **Ratings and Alerts**

No rating or validation information has been found for Kv4.2 K+ channel (external).

No alerts have been found for Kv4.2 K+ channel (external).

### Data and Source Information

Source: Antibody Registry

#### **Usage and Citation Metrics**

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ogata G, et al. (2022) Calcium/calmodulin-dependent protein kinase II associates with the K+ channel isoform Kv4.3 in adult rat optic nerve. Frontiers in neuroanatomy, 16, 958986.

Murphy JG, et al. (2022) R-type voltage-gated Ca2+ channels mediate A-type K+ current regulation of synaptic input in hippocampal dendrites. Cell reports, 38(3), 110264.