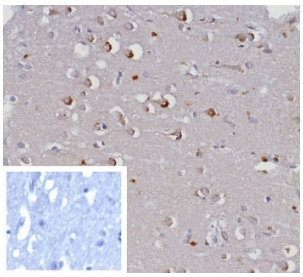
KCNJ6 Antibody / GIRK2 [clone KCNJ6/7557] (V4812)

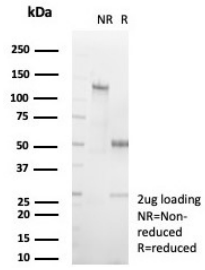
Catalog No.	Formulation	Size
V4812-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4812-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4812SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	KCNJ6/7557
Purity	Protein A/G affinity
UniProt	P48051
Localization	Membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This KCNJ6 antibody is available for research use only.



IHC staining of FFPE human brain tissue with KCNJ6 antibody (clone KCNJ6/7557) at 2ug/ml. Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free KCNJ6 antibody (clone KCNJ6/7557) as confirmation of integrity and purity.

Description

This gene encodes a member of the G protein-coupled inwardly-rectifying potassium channel family of inward rectifier potassium channels. This type of potassium channel allows a greater flow of potassium into the cell than out of it. These proteins modulate many physiological processes, including heart rate in cardiac cells and circuit activity in neuronal cells, through G-protein coupled receptor stimulation. Mutations in this gene are associated with Keppen-Lubinsky Syndrome, a rare condition characterized by severe developmental delay, facial dysmorphism, and intellectual disability. [provided by RefSeq, Apr 2015]

Application Notes

Optimal dilution of the KCNJ6 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human protein was used as the immunogen for the KCNJ6 antibody.

Storage

Aliquot the KCNJ6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.