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KCNJ10 Polyclonal Antibody

Cat #: G-AB-06904

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
KCNJ10 (Potassium Voltage-Gated Channel Subfamily J Member 10) is a Protein Coding gene. Diseases associated with KCNJ10 include Sesame Syndrome and Deafness, Autosomal Recessive 4, With Enlarged Vestibular Aqueduct. Among its related pathways are Inwardly rectifying K+ channels and GABA receptor activation. GO annotations related to this gene include identical protein binding and potassium channel activity. An important paralog of this gene is KCNJ15.This gene encodes a member of the inward rectifier-type potassium channel family, characterized by having a greater tendency to allow potassium to flow into, rather than out of, a cell. The encoded protein may form a heterodimer with another potassium channel protein and may be responsible for the potassium buffering action of glial cells in the brain. Mutations in this gene have been associated with seizure susceptibility of common idiopathic generalized epilepsy syndromes.

Gene ID:

Accession #: BC034036

Immunogen: Fusion protein of human KCNJ10

Conjugation: Unconjugated

Swissprot: P78508

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.02 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:50-1:100, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.