KCNJ10 Polyclonal Antibody

catalog number: E-AB-19262

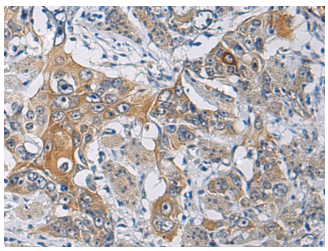
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human KCNJ10
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using KCNJ10 Polyclonal Antibody at dilution of 1:60(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.