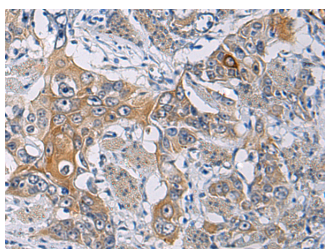


## KCNJ10 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-19262	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

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

### Images



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

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human KCNJ10
<b>Gene Accession</b>	BC034036
<b>Swissprot</b>	P78508
<b>Synonyms</b>	KCJ10,KCNJ 10,Kcnj10,KCNJ13 PEN,KIR1.2,KIR4.1,Potassium channel,SESAME

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:50-1:200, ELISA 1:5000-1:10000

### 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<sup>+</sup> 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.

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