

## Product datasheet for **TA370544S**

### KCNE3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-300 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KCNE3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	potassium voltage-gated channel subfamily E regulatory subunit 3
Database Link:	<a href="#">Entrez Gene 10008 Human Q9Y6H6</a>

**Background:** Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominently expressed in the kidney. A missense mutation in this gene is associated with hypokalemic periodic paralysis.

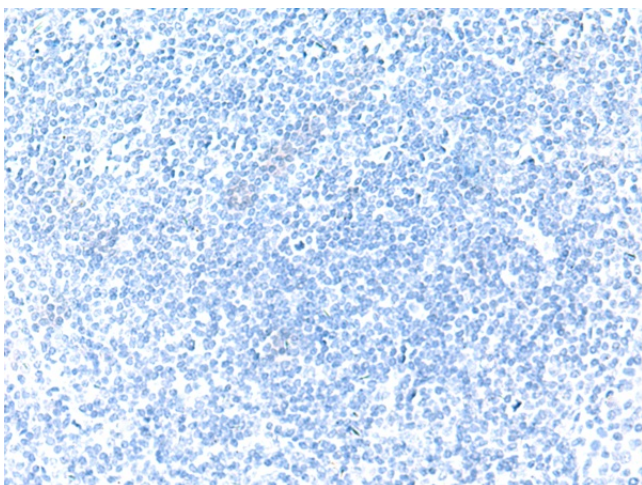
**Synonyms:** DKFZp781H21101; HOKPP; HYPP; MGC102685; MGC129924; MiRP2



[View online »](#)

**Product images:**

Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370544] (KCNE3 Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370544] (KCNE3 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)