

Product datasheet for **TA322410S**

KCNH3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 95-144 amino acids of Human potassium voltage-gated channel, subfamily H (eag-related), member 3
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	potassium voltage-gated channel subfamily H member 3
Database Link:	NP_036416 Entrez Gene 16512 Mouse Entrez Gene 27150 Rat Entrez Gene 23416 Human Q9ULD8
Background:	Potassium voltage-gated channel subfamily H member 3 is a protein that in humans is encoded by the KCNH3 gene. The protein encoded by this gene is a voltage-gated potassium channel subunit. Pore-forming (alpha) subunit of voltage-gated potassium channel. Elicits an outward current with fast inactivation. Channel properties may be modulated by cAMP and subunit assembly. The potassium channel is probably composed of a homo- or heterotetrameric complex of pore-forming alpha subunits that can associate with modulating beta subunits. Detected only in brain; in particular in the telencephalon. Detected in the cerebral cortex; occipital pole; frontal and temporal lobe; putamen; amygdala; hippocampus and caudate nucleus.

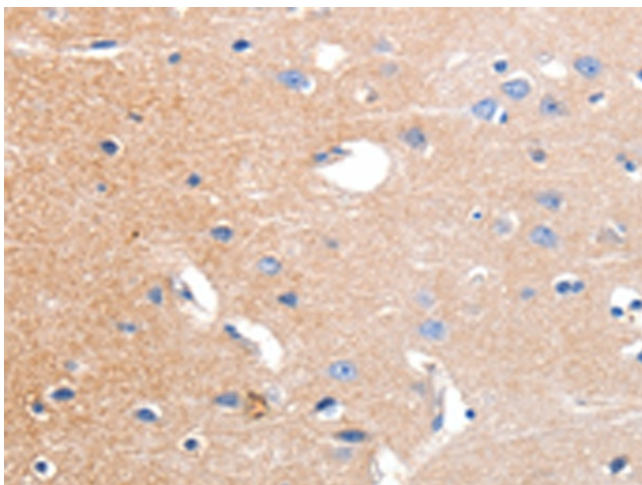


[View online »](#)

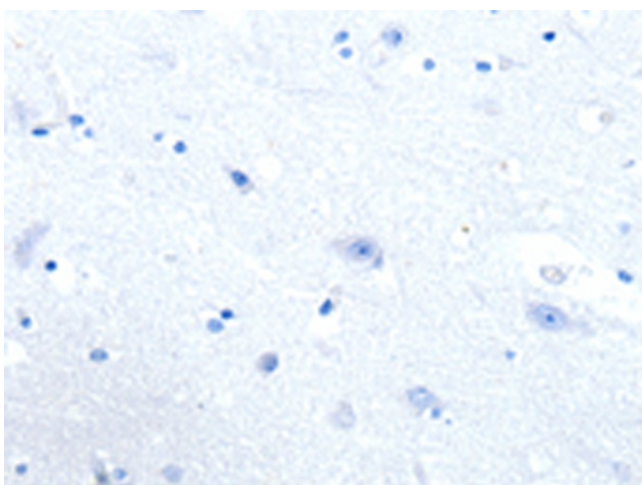
Synonyms: BEC1; ELK2; Kv12.2

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322410] (KCNH3 Antibody) at dilution 1/12 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322410] (KCNH3 Antibody) at dilution 1/12, treated with synthetic peptide. (Original magnification: $\times 200$)