

KCNK3 Antibody

Catalog No: #40236

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Description

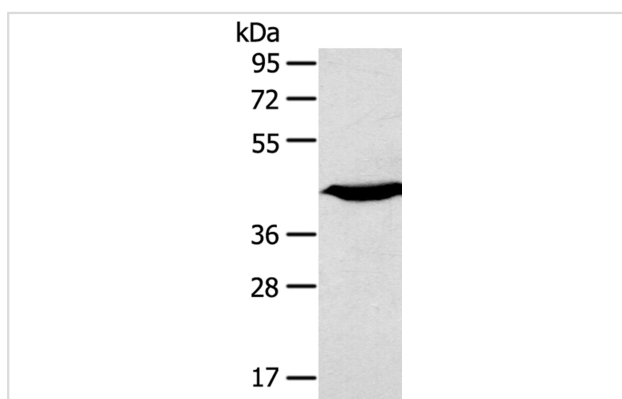
Product Name	KCNK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNK3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human potassium channel, subfamily K, member 3
Target Name	KCNK3
Other Names	TASK; Task-1; cTBAK-1
Accession No.	Swiss-Prot:O35111Gene Accssion:NP_034738
Uniprot	O35111
GeneID	16527;
SDS-PAGE MW	45KD
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry:1:10-1:50

Images

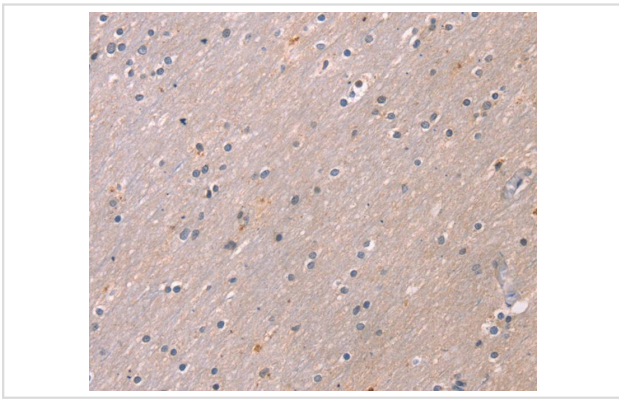


Gel: 8%SDS-PAGE

Lysate: 40ug Mouse heart tissuePrimary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #40236 at dilution 1/20.

Background

TASK channels are highly sensitive to external pH in the physiological range. TASK-1 is expressed in brain and in rat heart, with high levels of expression in the right atrium. TASK-2, mainly expressed in kidney, is localized in cortical distal tubules and collecting ducts, suggesting a role in renal K⁺ transport. TASK-3 from rat cerebellum shares 54% identity with TASK-1, but less than 30% identity with TASK-2 and other tandem pore K⁺ channels.

Note: This product is for in vitro research use only