

## KCNK13 Antibody

Catalog No: #36567

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## Description

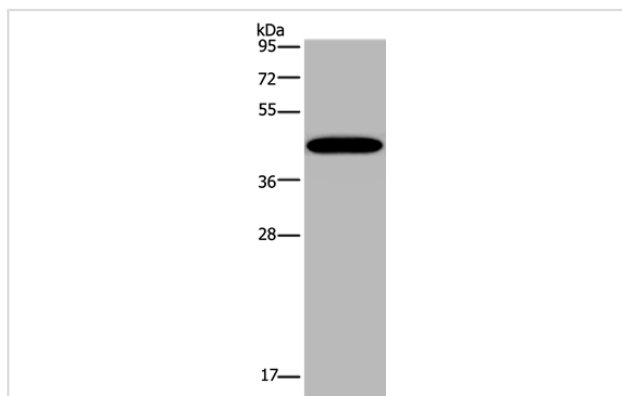
Product Name	KCNK13 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNK13 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human potassium channel, subfamily K, member 13
Target Name	KCNK13
Other Names	THIK1; THIK-1; K2p13.1
Accession No.	Swiss-Prot#: Q9HB14NCBI Gene ID: 56659Gene Accssion: BC012779
Uniprot	Q9HB14
GeneID	56659;
SDS-PAGE MW	45kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 10%SDS-PAGE

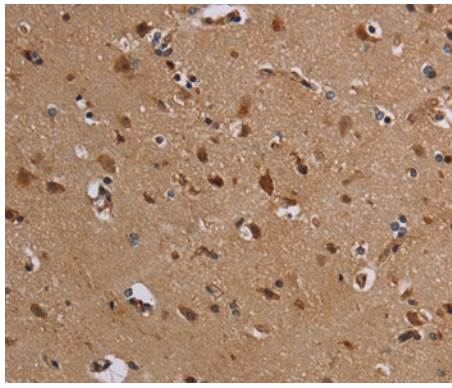
Lysates (from left to right): Mouse lung tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 minutes



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #36567 at dilution 1/50.

## Background

Potassium 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 potassium channel containing two pore-forming domains. This protein is an open channel that can be stimulated by arachidonic acid and inhibited by the anesthetic halothane.

Note: This product is for in vitro research use only