

## TASK-1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08825
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TASK-1. AA range:47-96
<b>Mol wt</b>	43518
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	TASK-1 Antibody
<b>Synonyms</b>	KCNK3; TASK; TASK1; Potassium channel subfamily K member 3; Acid-sensitive potassium channel protein TASK-1; TWIK-related acid-sensitive K(+) channel 1; Two pore potassium channel KT3.1; Two pore K(+)

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

KCNK3 (potassium two pore domain channel subfamily K member 3) encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for KCNK3.

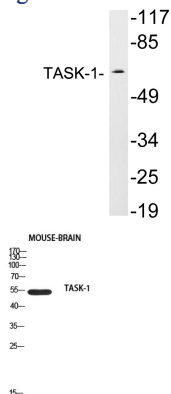
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from JAR cells, using TASK-1 antibody.

Western blot analysis of mouse-brain using TASK-1 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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