



[Go to Product page](#)

Datasheet for ABIN682333  
**anti-KCNK3 antibody (AA 181-280)**

3 Images

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | KCNK3   |
| Binding Specificity: | AA 181-280  |
| Reactivity:          | Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This KCNK3 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human KCNK3 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Rat   |
| Predicted Reactivity: | Human,Mouse,Dog,Cow                                       |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|         |       |
|---------|-------|
| Target: | KCNK3 |
|---------|-------|

## Target Details

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Alternative Name: KCNK3 ([KCNK3 Products](#))

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Background: Synonyms: OAT1, PPH4, TASK, TBAK1, K2p3.1, TASK-1.  
Background: This gene 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 this gene.

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Gene ID: 3777

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months

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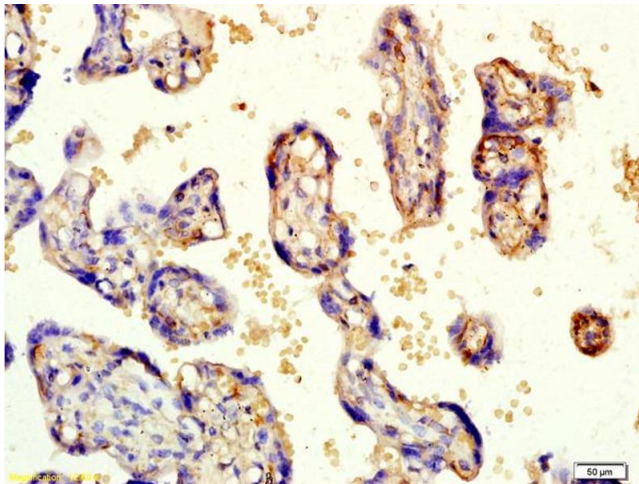
### Western Blotting

**Image 1.** Mouse brain 42kDa



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded human placenta labeled with Rabbit Anti-KCNK3 Polyclonal Antibody, Unconjugated (ABIN682333) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### Western Blotting

**Image 3.** Lane 1:Rat brain lysates probed with Rabbit Anti-KCNK3 Polyclonal Antibody, Unconjugated at 1:3000 for 90 min at 37°C.

