

## KCNK10 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00054207-B01

規格 : [ 50 uL ]

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### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human KCNK10 protein.

**Immunogen:** KCNK10 (NP\_612190.1, 1 a.a. ~ 543 a.a) full-length human protein.

**Sequence:**  
 MKFPIETPRKQVNWDPKVAVPAAAPVCQPKSATNGQPPAPAPTPTPRLS  
 ISSRATVWARMEGT SQGGLQTVMKWKTVAIFVVVVYLVLTGGLVFRAL  
 EQPFESSQNTIALEKAEFLRDHVCVSPQELETLIQHALLDADNAGVSPIGN  
 SSNNSSHWDLGSAFFFAAGTVITTIGYGNIPSTEGGKIFCILYAIFGIPLF GF  
 LLAGIGDQLGTIFGKSIARVEKVFRKKQVSQTKIRVISTILFILAGCIVFTIP  
 AVIFKYIEGWTALESIYFVVVTLTTVGF GDFVAGGNAGINYREWYKPLVW  
 FWLVGLAYFAAVLSMIGDWLRVLSKKTKEEVGEIKAHAAEWKANVTAEF  
 RETRRRLSVEIHDKLQRAATIRSMERRRLGLDQRAHSLDMLSPEKRSVF  
 AALDTGRFKASSQESINNRPNLRLKGPEQLNKHGQGASEDNIINKFGST  
 SRLTKRKNKDLKKTLPEDVQKIYKTFRNYSLDEEKKEEETEKMCSNDNSS  
 TAMLTDICIQQHALENGMIPTDTKDREPENNSLLEDRN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

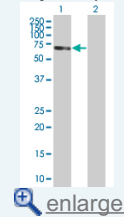
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Application Image

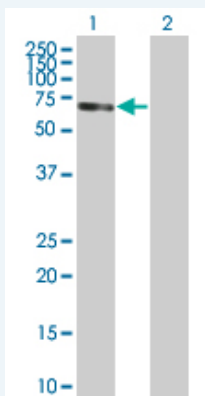
Western Blot (Transfected lysate)



[enlarge](#)

### Applications

Western Blot (Transfected lysate)



Western Blot analysis of KCNK10 expression in transfected 293T cell line ([H00054207-](#)

T01) by KCNK10 MaxPab polyclonal antibody.

Lane 1: KCNK10 transfected lysate(59.73 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [54207](#)

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**GeneBank  
Accession#:** [NM\\_138317.1](#)

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**Protein  
Accession#:** [NP\\_612190.1](#)

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**Gene Name:** KCNK10

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**Gene Alias:** FLJ43399,K2p10.1,TREK-2,TREK2

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**Gene  
Description:** potassium channel, subfamily K, member 10

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**Omim ID:** [605873](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K<sup>+</sup> concentrations, and is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

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**Other  
Designations:** 2P domain potassium channel TREK2,TWIK-related K<sup>+</sup> channel  
2,outward rectifying potassium channel protein TREK-2,potassium channel TREK-2

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