

Rabbit anti-Human, Mouse K2P4.1 Polyclonal Antibody | anti-K2P4.1 antibody

K2P4.1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312116	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

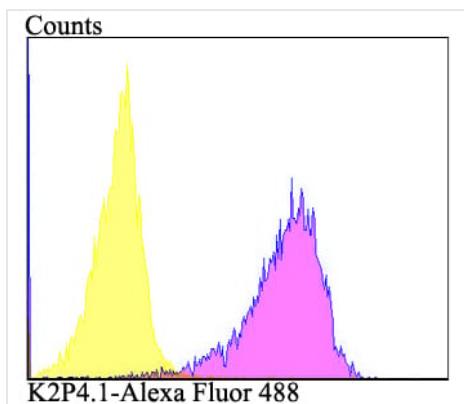
PRODUCT SYNONYMS

K2P4.1; Polyclonal Antibody; K2P4.1 Antibody; K2p4.1 antibody; K2P4.1 potassium channel antibody; KCNK 4 antibody; MGC144821 antibody; Potassium channel subfamily K member 4 antibody; Potassium inwardly rectifying channel subfamily K member 4 antibody; TRAAK antibody; TRAAK1 antibody; TRAAKt antibody; TWIK related arachidonic acid stimulated potassium channel protein antibody; Two pore K (+) channel KT4.1 antibody; Two pore K+ channel KT4.1 antibody; Two pore potassium channel KT4.1 antibody; anti-K2P4.1 antibody

PRODUCT SPECIFICATIONS

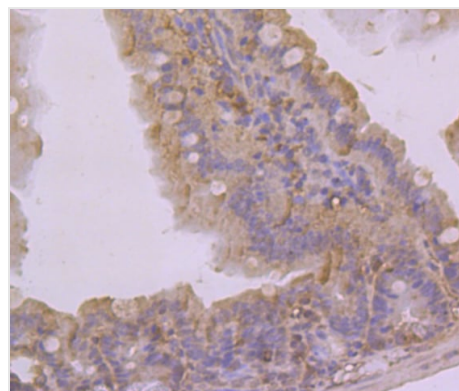
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified.
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-K2P4.1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide within human K2P4.1 aa 320-380.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



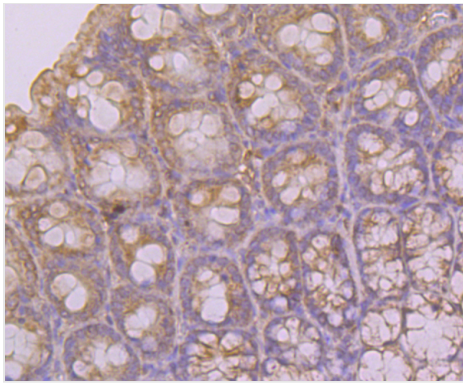
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with K2P4.1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



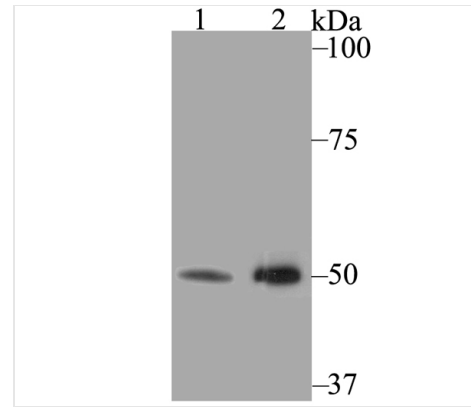
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-K2P4.1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat large intestine tissue using anti-K2P4.1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of K2P4.1 on different lysates using anti-K2P4.1 antibody at 1/500 dilution. Positive control: Lane1: Mouse colon Lane2: Rat kidney

ADDITIONAL INFORMATION

Product Categories/Family for anti-K2P4.1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15718767
NCBI GeneID	50801
NCBI Accession #	NP_201567.1
NCBI GenBank Nucleotide #	NM_033310.2
UniProt Accession #	Q9NYG8; Q96T94; B5TJL1
Molecular Weight	42,704 Da
NCBI Official Full Name	potassium channel subfamily K member 4
NCBI Official Synonym Full Names	potassium channel, subfamily K, member 4
NCBI Official Symbol	KCNK4
NCBI Official Synonym Symbols	TRAAK; K2p4.1; TRAAK1
NCBI Protein Information	potassium channel subfamily K member 4; K2P4.1 potassium channel; two pore K ⁺ channel KT4.1; two pore K(+) channel KT4.1; two pore potassium channel KT4.1; TWIK-related arachidonic acid-stimulated potassium channel protein
UniProt Protein Name	Potassium channel subfamily K member 4
UniProt Gene Name	KCNK4
UniProt Synonym Gene Names	TRAAK; TRAAK
UniProt Entry Name	KCNK4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/k2p41-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/312116>