

KV4.3 Antibody

Catalog No: #48544

Package Size: #48544-1 50ul #48544-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

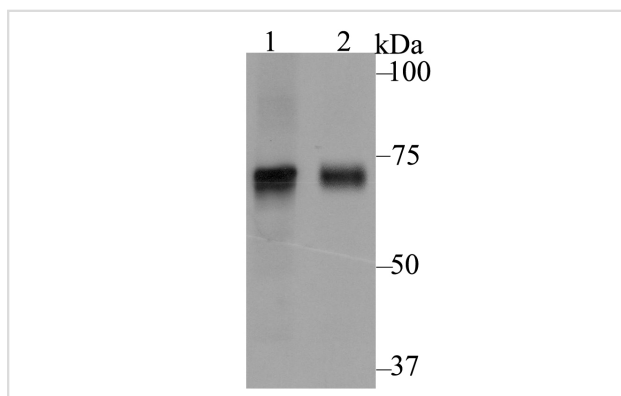
Description

Product Name	KV4.3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified.
Applications	WB,ICC,IHC,FC
Species Reactivity	Hu, Ms
Immunogen Description	Synthetic peptide within human Kv4.3 440-480 aa.
Other Names	KCND 3 antibody KCND 3L antibody KCND 3S antibody Kcnd3 antibody KCND3_HUMAN antibody KCND3L antibody KCND3S antibody KSHIVB antibody Kv 4.3 antibody MGC14203 antibody MGC142037 antibody OTTHUMP0000063948 antibody Potassium ioinic channel Kv4.3 antibody Potassium voltage gated channel Shal related subfamily member 3 antibody Potassium voltage gated channel subfamily D member 3 antibody Potassium voltage-gated channel subfamily D member 3 antibody Sha1 related potassium channel Kv4.3 antibody Voltage gated K+ channel antibody Voltage gated potassium channel Kv4.3 antibody Voltage gated potassium channel subunit Kv4.3 antibody Voltage-gated potassium channel subunit Kv4.3 antibody
Accession No.	Swiss-Prot#:Q9UK17
Uniprot	Q9UK17
GeneID	3752;
Calculated MW	73 kDa
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

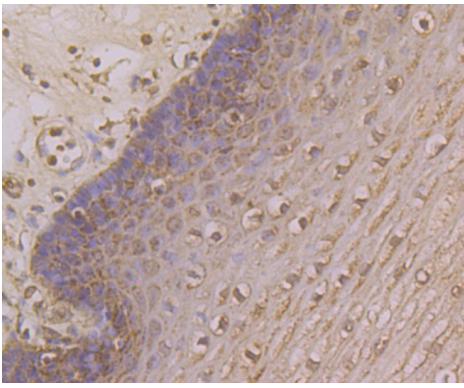
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:200FC: 1:50-1:100

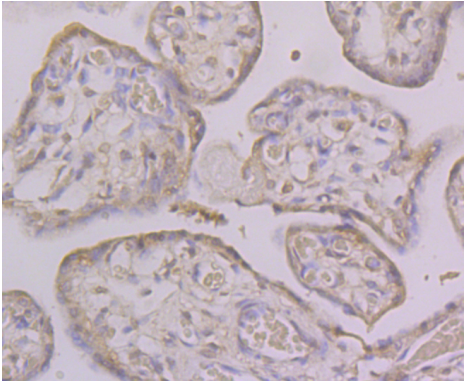
Images



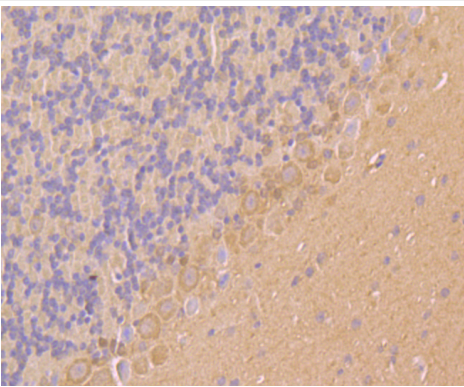
Western blot analysis of Kv4.3 on different lysates using anti-Kv4.3 antibody at 1/1,000 dilution. Positive control $\Omega\frac{1}{2}\Omega\frac{1}{2}$ Lane1: MCF-7 Lane2: Mouse marrow



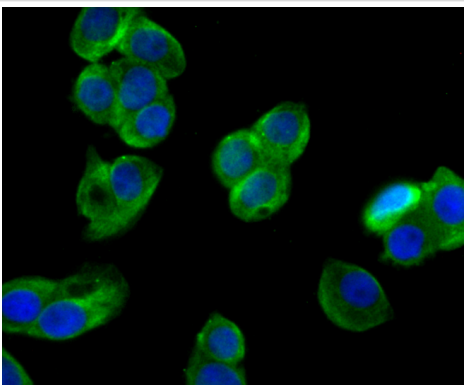
Immunohistochemical analysis of paraffin-embedded human esophagus tissue using anti-Kv4.3 antibody. Counter stained with hematoxylin.



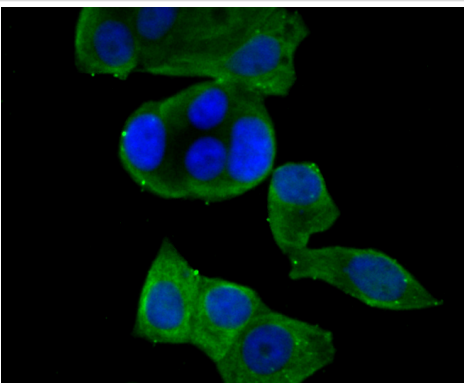
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-Kv4.3 antibody. Counter stained with hematoxylin.



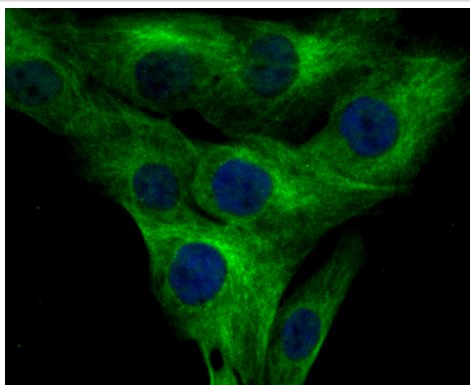
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-Kv4.3 antibody. Counter stained with hematoxylin.



ICC staining Kv4.3 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

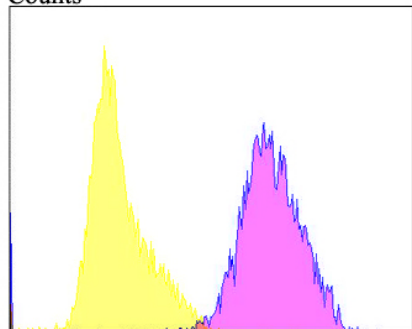


ICC staining Kv4.3 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Kv4.3 in MG-63 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Counts



Flow cytometric analysis of MG-63 cells with Kv4.3 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

Background

Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

References

Note: This product is for in vitro research use only