

Rabbit anti-Human, Mouse KV4.3 Polyclonal Antibody | anti-KV4.3 antibody

KV4.3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29939	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

KV4.3; Polyclonal Antibody; KV4.3 Antibody; KCND 3 antibody; KCND 3L antibody; KCND 3S antibody; Kcnd3 antibody; KCND3_HUMAN antibody; KCND3L antibody; KCND3S antibody; KSHVB antibody; Kv 4.3 antibody; MGC14203 antibody; MGC142037 antibody; OTTHUMP00000063948 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; anti-KV4.3 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-KV4.3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:200 FC/FACS: 1:50-1:100
Immunogen	Synthetic peptide within human Kv4.3 440-480 aa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

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



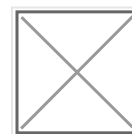
ICC (Immunocytochemistry)

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.



ICC (Immunocytochemistry)

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 (Immunocytochemistry)

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.

**IHC (Immunohistochemistry)**

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

**IHC (Immunohistochemistry)**

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

ADDITIONAL INFORMATION

Related Product Information for anti-KV4.3 antibody	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.
Product Categories/Family for anti-KV4.3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436984
NCBI GeneID	3752
NCBI Accession #	NP_004971.2
NCBI GenBank Nucleotide #	NM_004980.4
UniProt Accession #	Q9UK17; O60576; O60577; Q14D71; Q5T0M0; Q9UH85; Q9UH86; Q9UK16
Molecular Weight	71,392 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily D member 3 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel, Shal-related subfamily, member 3
NCBI Official Symbol	KCND3
NCBI Official Synonym Symbols	KV4.3; SCA19; SCA22; KCND3L; KCND3S; KSHIVB
NCBI Protein Information	potassium voltage-gated channel subfamily D member 3; voltage-gated K ⁺ channel; potassium ionic channel Kv4.3; sha1-related potassium channel Kv4.3; voltage-gated potassium channel subunit Kv4.3
UniProt Protein Name	Potassium voltage-gated channel subfamily D member 3
UniProt Gene Name	KCND3
UniProt Entry Name	KCND3_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://stage.aaabiotech.com/polyclonal/kv43-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29939>