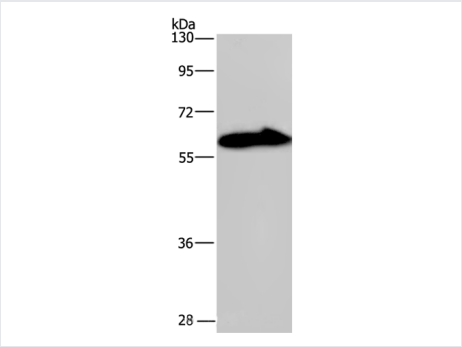
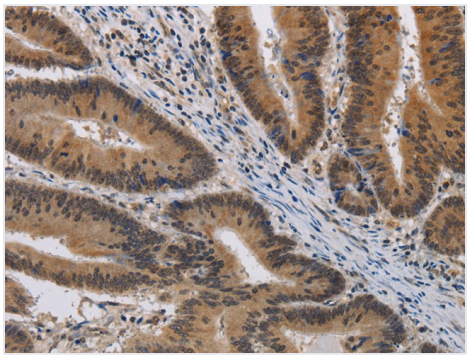
KCNG4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

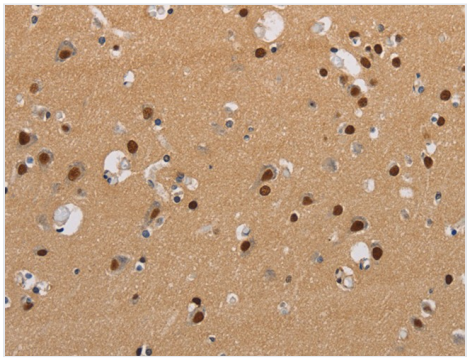
Product Name	KCNG4, Polyclonal Antibody
Full Product Name	KCNG4 Polyclonal Antibody
Product Gene Name	anti-KCNG4 antibody
Product Synonym Names	KV6.3; KV6.4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Affinity purification
Concentration	0.5mg/mL (lot specific)
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.
Molecular Weight	59kDa
3D Structure	ModBase 3D Structure for Q8TDN1
Immunogen	Synthetic peptide of human KCNG4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH 7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KCNG4 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-KCNG4 antibody	WB: 1:500-1:2000 IHC: 1:100-1:300
Related Product Information for anti-KCNG4 antibody	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.
Other Notes	Small volumes of anti-KCNG4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for KCNG4 purchase	MBS2523600 is an antibody targeting KCNG4. Also known as KCNG4 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-KCNG4 antibody
Western Blot analysis of Mouse brain tissue using KCNG4 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry (IHC) of anti-KCNG4 antibody
Immunohistochemistry of paraffin-embedded Human colon cancer using KCNG4 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry (IHC) of anti-KCNG4 antibody
Immunohistochemistry of paraffin-embedded Human brain using KCNG4 Polyclonal Antibody at dilution of 1:40

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KCNG4. It may not necessarily be applicable to this product.

NCBI GI #	649145154
NCBI Accession #	NP_758857
UniProt Primary Accession #	Q8TDN1
NCBI Official Full Name	KCNG4, partial
Protein Family	Potassium voltage-gated channel subfamily
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/kcng4/2523600