Rabbit anti-Rat, Mouse Kv11.1 Polyclonal Antibody | anti-Kv11.1 antibody

Kv11.1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318915	**Rabbit**	**Rat, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

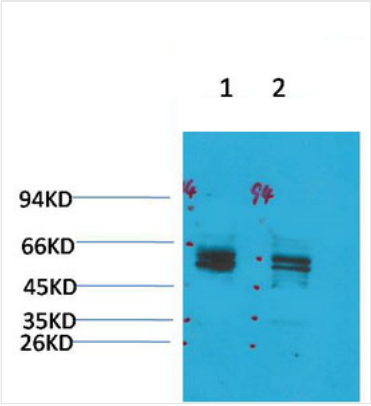
PRODUCT SYNONYMS

Kv11.1; Polyclonal Antibody; Kv11.1 Rabbit Polyclonal Antibody; KCNV2; Potassium voltage-gated channel subfamily V member 2; Voltage-gated potassium channel subunit Kv8.2; YM3578; BH6842; Potassium voltage-gated channel subfamily V member 2 (Voltage-gated potassium channel subunit Kv8.2); anti-Kv11.1 antibody

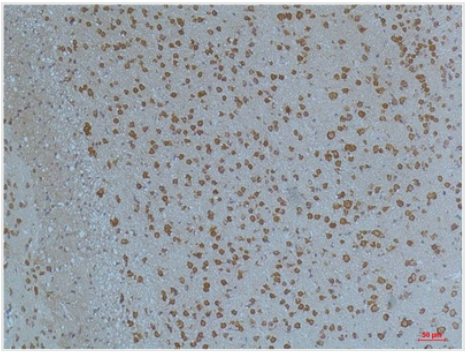
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Mouse
Clonality	Polyclonal
Specificity	Kv11.1 protein (A262) detects endogenous levels of Kv11.1
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Kv11.1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of Kv11.1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)
Western blot analysis of 1) Rat Brain Tissue, 2)Mouse Brain Tissue with KV11.1 Rabbit pAb diluted at 1:2,000.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using Kv11.1 Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Kv11.1 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 voltage-gated channel subfamily V. This member is identified as a 'silent subunit', and it does not form homomultimers, but forms heteromultimers with several other subfamily members. Through obligatory heteromerization, it exerts a function-altering effect on other potassium channel subunits. This protein is strongly expressed in Pancreas and has a weaker expression in several other tissues. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424136
NCBI GeneID	169522
NCBI Accession #	NP_598004.1
NCBI GenBank Nucleotide #	NM_133497.3
UniProt Accession #	Q8TDN2; Q5T6X0
Molecular Weight	62,459 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily V member 2
NCBI Official Synonym Full Names	potassium channel, subfamily V, member 2
NCBI Official Symbol	KCNV2
NCBI Official Synonym Symbols	Kv8.2; RCD3B; KV11.1
NCBI Protein Information	potassium voltage-gated channel subfamily V member 2; voltage-gated potassium channel subunit Kv8.2
UniProt Protein Name	Potassium voltage-gated channel subfamily V member 2
UniProt Gene Name	**KCNV2**
UniProt Entry Name	KCNV2_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/kv111-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318915