

Rabbit Kv11.3 Polyclonal Antibody | anti-Kv11.3 antibody

Kv11.3 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318916	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

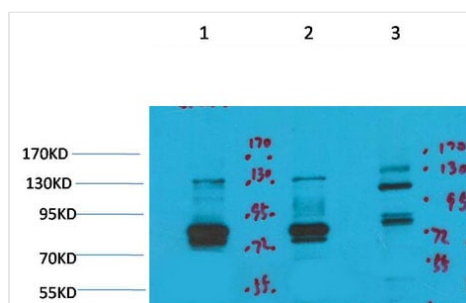
PRODUCT SYNONYMS

Kv11.3; Polyclonal Antibody; Kv11.3 Rabbit Polyclonal Antibody; Potassium voltage-gated channel subfamily H member 7 (Ether-a-go-go-related gene potassium channel 3)(ERG-3)(Eag-related protein 3)(Ether-a-go-go-related protein 3)(hERG-3)(Voltage-gated potassium channel subunit Kv11.3); YM3579; BH6842; anti-Kv11.3 antibody

PRODUCT SPECIFICATIONS

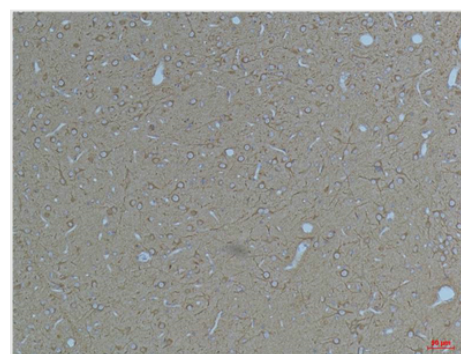
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Kv11.3 protein (A263) detects endogenous levels of Kv11.3
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Kv11.3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of Kv11.3
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



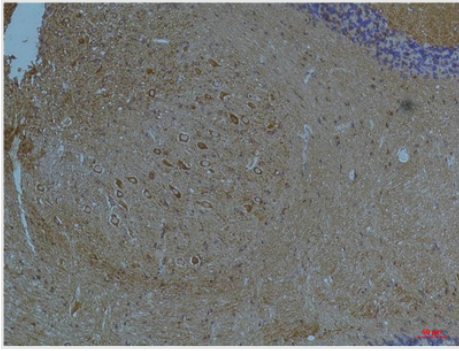
WB (Western Blot)

Western blot analysis of 1) Rat Brain Tissue, 2) Mouse Brain Tissue, 3) HeLa with Kv11.3 Rabbit pAb diluted at 1:2,000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Kv11.3 Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using Kv11.3
Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Kv11.3 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 H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27886653
NCBI GeneID	90134
NCBI Accession #	NP_150375
NCBI GenBank Nucleotide #	NM_033272
UniProt Accession #	Q9NS40; Q53QU4; Q53TB7; Q53TP9; Q8IV15
Molecular Weight	82,904 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily H member 7 isoform 1
NCBI Official Synonym Full Names	potassium channel, voltage gated eag related subfamily H, member 7
NCBI Official Symbol	KCNH7
NCBI Official Synonym Symbols	ERG3; HERG3; Kv11.3
NCBI Protein Information	potassium voltage-gated channel subfamily H member 7; ERG-3; eag-related protein 3; ether-a-go-go-related gene potassium channel 3; ether-a-go-go-related protein 3; potassium channel subunit HERG-3; voltage-gated potassium channel subunit Kv11.3
UniProt Protein Name	Potassium voltage-gated channel subfamily H member 7
UniProt Gene Name	KCNH7
UniProt Synonym Gene Names	ERG3; ERG-3; Eag-related protein 3; Ether-a-go-go-related protein 3; hERG-3
UniProt Entry Name	KCNH7_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.