

Rabbit anti-Human KCNH2 Polyclonal Antibody | anti-KCNH2 antibody

KCNH2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286756	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

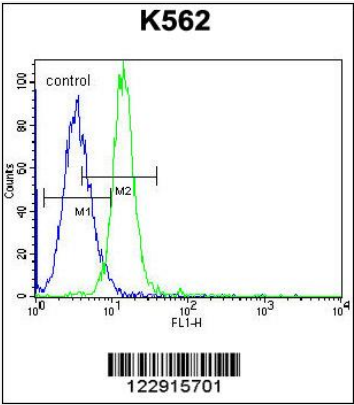
PRODUCT SYNONYMS

KCNH2; Polyclonal Antibody; KCNH2 Antibody (Center); Potassium voltage-gated channel subfamily H member 2; Eag homolog; Ether-a-go-go-related gene potassium channel 1; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1; Voltage-gated potassium channel subunit Kv111; ERG; ERG1; HERG; anti-KCNH2 antibody

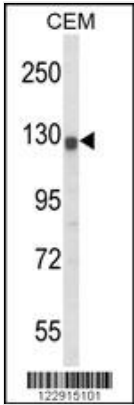
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KCNH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 861-888 amino acids from the Central region of human KCNH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	861-888
Sequence Length	1,063
Applicable Applications for anti-KCNH2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
KCNH2 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of KCNH2 Antibody (Center) in CEM cell line lysates (35ug/lane). KCNH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNH2 antibody	KCNH2 is a voltage-activated potassium channel belonging to the eag family.
Product Categories/Family for anti-KCNH2 antibody	Cardiovascular ; Neuroscience
References	Trudeau,M.C., et.al., Science 269 (5220), 92-95 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557729
NCBI GeneID	3757
NCBI Accession #	NP_000229.1 ; NP_001191727.1 ; NP_742053.1 ; NP_742054.1
NCBI GenBank Nucleotide #	NM_000238.3
UniProt Accession #	Q12809 ; O75418 ; O75680 ; Q708S9 ; Q9BT72 ; Q9BUT7 ; Q9H3P0 ; A5H1P7 ; C4PFH9 ; D3DX04
Molecular Weight	126655
NCBI Official Full Name	potassium voltage-gated channel subfamily H member 2 isoform a
NCBI Official Synonym Full Names	potassium channel, voltage gated eag related subfamily H, member 2
NCBI Official Symbol	KCNH2
NCBI Official Synonym Symbols	ERG1; HERG; LQT2; SQT1; ERG-1; H-ERG; HERG1; Kv11.1
NCBI Protein Information	potassium voltage-gated channel subfamily H member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily H member 2
UniProt Gene Name	KCNH2
UniProt Synonym Gene Names	ERG; ERG1; HERG; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1
UniProt Entry Name	KCNH2_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.

