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**Product Name: KV9.2 Rabbit Polyclonal Antibody****Catalog #: APRab13171**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:300
<b>Molecular Weight</b>	54kDa

**Antigen Information**

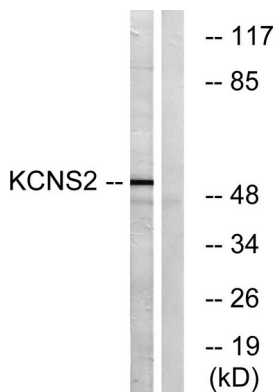
<b>Gene Name</b>	KCNS2
<b>Alternative Names</b>	KCNS2; KIAA1144; Potassium voltage-gated channel subfamily S member 2; Delayed-rectifier K(+) channel alpha subunit 2; Voltage-gated potassium channel subunit Kv9.2
<b>Gene ID</b>	3788.0
<b>SwissProt ID</b>	Q9ULS6
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human KCNS2. AA range:197-246

**Background**

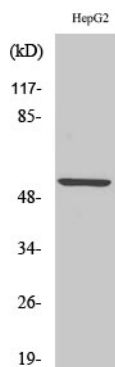
domain: The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,function: Potassium channel subunit. Modulates channel activity and reduces the ion flow.,similarity: Belongs to the potassium channel family. S subfamily.,subcellular location: May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1.,subunit: Heteromultimer with KCNB1 and with KCNB2. Does not form homomultimers. Might also bind to other channel proteins.,domain: The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,function: Potassium channel subunit. Modulates channel activity and reduces the ion flow.,similarity: Belongs to the potassium channel family. S subfamily.,subcellular location: May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1.,subunit: Heteromultimer with KCNB1 and with KCNB2. Does not form homomultimers. Might also bind to other channel proteins.,

## Research Area

### Image Data



Western blot analysis of lysates from HepG2 cells, using KCNS2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using KV9.2 Polyclonal Antibody