



# KV9.2 Monoclonal Antibody

Catalog No	BYmab-16459
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KCNS2
Protein Name	Potassium voltage-gated channel subfamily S member 2
Immunogen	The antiserum was produced against synthesized peptide derived from human KCNS2. AA range:197-246
Specificity	KV9.2 Monoclonal Antibody detects endogenous levels of KV9.2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KCNS2; KIAA1144; Potassium voltage-gated channel subfamily S member 2; Delayed-rectifier K(+) channel alpha subunit 2; Voltage-gated potassium channel subunit Kv9.2
Observed Band	54kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1 or KCNB2. .
Tissue Specificity	Brain,
Function	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.,

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## Background

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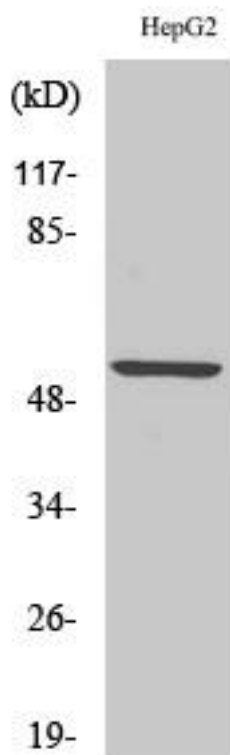
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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