

ARG40351 anti-KCNS2 / Kv9.2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes KCNS2 / Kv9.2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	KCNS2 / Kv9.2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-187 of Human KCNS2 (NP_065748.1).
Conjugation	Un-conjugated
Alternate Names	Delayed-rectifier K; KV9.2; Potassium voltage-gated channel subfamily S member 2; Voltage-gated potassium channel subunit Kv9.2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat brain	
Observed Size	54 kDa	

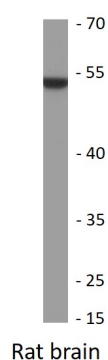
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	KCNS2
Gene Full Name	potassium voltage-gated channel, modifier subfamily S, member 2
Function	Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1 and KCNB2; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 and KCNB2. [UniProt]
Calculated Mw	54 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. Note=May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1 or KCNB2. [UniProt]

Images



ARG40351 anti-KCNS2 / Kv9.2 antibody WB image

Western blot: 25 µg of Rat brain lysate stained with ARG40351 anti-KCNS2 / Kv9.2 antibody at 1:1000 dilution.