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## anti-KCNS2 antibody (C-Term, Intracellular)

2 Images



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Target:	KCNS2	
Binding Specificity:	AA 430-445, C-Term, Intracellular	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCNS2 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: CDFGDGMKEVPSVNLR, corresponding to amino acid residues 430-445 of rat KV9.2	
Isotype:	IgG	
Characteristics:	Anti-KCNS2 (KV9.2) Antibody (ABIN7043497, ABIN7045034 and ABIN7045035)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot analysis. It has been designed to recognize KV9.2 channel from human, rat, and mouse samples.	
Purification:	Affinity purified on immobilized antigen.	

#### **Target Details**

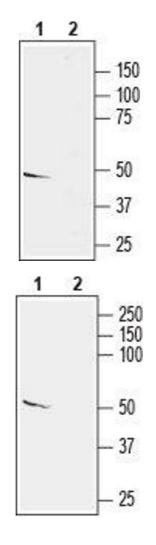
Target:	KCNS2
Alternative Name:	KCNS2 (KV9.2) (KCNS2 Products)
Background:	Alternative names: KCNS2 (KV9.2), Voltage-gated K+ channel subunit KV9.2
Gene ID:	66022
NCBI Accession:	NM_020697
UniProt:	Q9ER26

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	$25\mu\text{L},50\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature.  Upon arrival, it should be stored at -20°C.  Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week.  For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



#### **Western Blotting**

**Image 1.** Western blot analysis of rat brain lysate: - 1. Anti-KCNS2 (KV9.2) Antibody (ABIN7043497, ABIN7045034 and ABIN7045035), (1:200).2. Anti-KCNS2 (KV9.2) Antibody, preincubated with KCNS2/Kv9.2 Blocking Peptide (#BLP-PC132).

#### **Western Blotting**

**Image 2.** Western blot analysis of mouse brain lysate: - 1. Anti-KCNS2 (KV9.2) Antibody (ABIN7043497, ABIN7045034 and ABIN7045035), (1:200).2. Anti-KCNS2 (KV9.2) Antibody, preincubated with KCNS2/Kv9.2 Blocking Peptide (#BLP-PC132).