

Datasheet for ABIN2461107 **anti-KCNAB3 antibody**

1 Image



Go to Product page

_				
()	ve.	rv/	101	Λ

Quantity:	100 μL	
Target:	KCNAB3	
Reactivity:	Human, Dog	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCNAB3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Details		
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human KCNAB3.	
Purification:	Antibody is purified by protein A chromatography method.	
Target Details		
Target:	KCNAB3	
Alternative Name:	KCNAB3 (KCNAB3 Products)	
Background:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila,	
	potassium channel genes - snaker, snaw, snab, and snal - nave been identified in Drosop	

Target Details		
	and each has been shown to have human homolog (s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. This member and the KCNA5 gene product assemble into a heteromultimeric A-type channel that inactivates completely and is significantly faster than other A-type Kv channels.	
Molecular Weight:	44 kDa	
Gene ID:	9196	
NCBI Accession:	NP_004723	
UniProt:	043448	
Application Details		
Application Notes:	KCNAB3 antibody can be used for detection of KCNAB3 by ELISA at 1:12500. KCNAB3 antibody can be used for detection of KCNAB3 by western blot at 0.65 μg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL.	
Concentration	1 /	

Buffer:

Storage:

Concentration:

1 mg/mL

4 °C/-20 °C

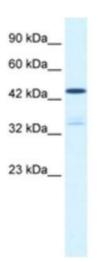
Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice:

As with any antibody avoid repeat freeze-thaw cycles.

Storage Comment:

For short periods of storage (days) store at 4 °C. For longer periods of storage, store KCNAB3 antibody at -20 °C.



Western Blotting

Image 1.