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Datasheet for ABIN2776306
anti-KCNAB2 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	KCNAB2
Binding Specificity:	C-Term
Reactivity:	Rat, Human, Mouse, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNAB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNAB2
Sequence:	KYDSGIPPYS RASLKG YQWL KDKILSEEGR RQAKL KELQ AIAERLGCTL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNAB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	KCNAB2
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Target Details

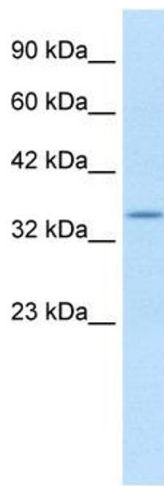
Alternative Name:	KCNAB2 (KCNAB2 Products)
Background:	<p>This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. This member alters functional properties of the KCNA4 gene product.</p> <p>Alias Symbols: AKR6A5, KCNA2B, HKvbeta2, KV-BETA-2, HKvbeta2.1, HKvbeta2.2</p> <p>Protein Interaction Partner: KCNAB2, SIRT1, KCNA5, KCNA4, UBC, RPA3, RPA2, RPA1, ATXN1, Nedd4, NEDD4L, SLC39A2, SLC39A1, SQSTM1, CD4, KCNA2,</p> <p>Protein Size: 353</p>
Molecular Weight:	39 kDa
Gene ID:	8514
NCBI Accession:	NM_172130 , NP_742128

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 353 AA
Restrictions:	For Research Use only

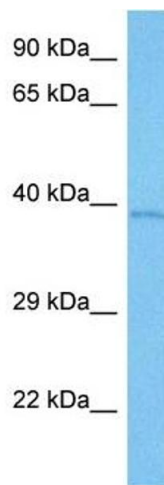
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



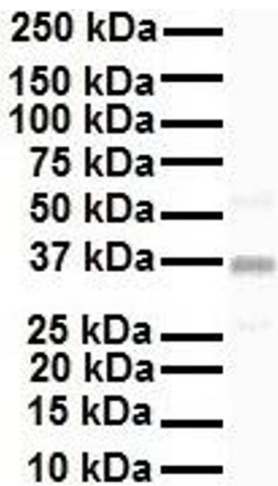
Western Blotting

Image 1. WB Suggested Anti-KCNAB2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: KCNAB2 Sample Tissue: Mouse Small Intestine Antibody Dilution: 1ug/ml



Western Blotting

Image 3. WB Suggested Anti-KCNAB2 antibody Titration: 1 ug/mL Sample Type: Human HepG2