Datasheet for ABIN202747

anti-KCNQ1 antibody (AA 77-126)

1 Image

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Overview

Quantity:	100 µL
Target:	KCNQ1
Binding Specificity:	AA 77-126
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Monkey, Bat, Chicken, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa77-126 of human KCNQ1 (P51787-2, NP_861463). Percent identity by BLAST analysis: Human, Gorilla, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Cat, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig, Turkey, Zebra finch, Chicken, Lizard (100%), Xenopus, Beetle (92%), Zebrafish (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human KCNQ1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Chicken (100%) Xenopus (92%) Zebrafish (84%).

Product Details

Purification:	Protein A purified

Target Details

Target:	KCNQ1
Alternative Name:	KVLQT1 / KCNQ1 (KCNQ1 Products)
Background:	Name/Gene ID: KCNQ1 Subfamily: Potassium channel - KCNQ Family: Ion Channel Synonyms: KCNQ1, ATFB1, ATFB3, KVLQT1, LQT1, KCNA9, KQT-like 1, Kv1.9, ROMANO-WARD SYNDROME, LQT, SQT2, JLNS1, KCNA8, Kv7.1, RWS, WRS
Gene ID:	3784
NCBI Accession:	NP_861463
UniProt:	P51787
Pathways:	Negative Regulation of Hormone Secretion, Sensory Perception of Sound

Application Details

Application Notes:	Approved: WB (1.25 µg/mL)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Handling

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

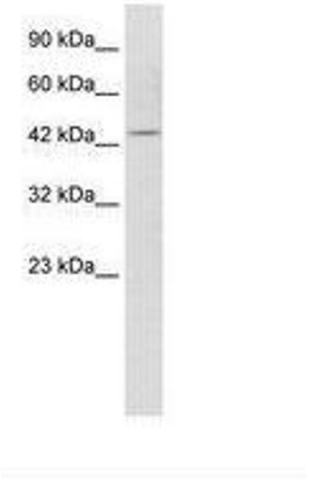

Image 1.

