

Datasheet for ABIN2780216  
**anti-KCNQ5 antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	KCNQ5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCNQ5
Sequence:	LGKGQITSDK KSREKITA EH ETTDDL SMLG RVVKVEKQVQ SIESKLDCLL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNQ5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	KCNQ5
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## Target Details

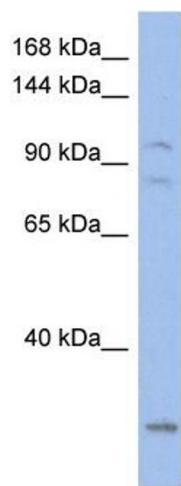
Alternative Name:	KCNQ5 ( <a href="#">KCNQ5 Products</a> )
Background:	<p>This gene is a member of the KCNQ potassium channel gene family that is differentially expressed in subregions of the brain and in skeletal muscle. The protein encoded by this gene yields currents that activate slowly with depolarization and can form hete</p> <p>Alias Symbols: Kv7.5</p> <p>Protein Interaction Partner: KCNQ5, KCNQ3, DISC1, SRC, CALM3, CALM1,</p> <p>Protein Size: 932</p>
Molecular Weight:	102 kDa
Gene ID:	56479
NCBI Accession:	<a href="#">NM_019842</a> , <a href="#">NP_062816</a>
UniProt:	<a href="#">A6PVT6</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 932 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-KCNQ5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate