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Datasheet for ABIN2779442
anti-PCSK6 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	PCSK6
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Dog, Cow, Horse, Pig, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PCSK6
Sequence:	IYSASWGPDD DGKTVDGPGR LAKQAFEYGI KKGRQGLGSI FVWASGNNGR
Predicted Reactivity:	Cow: 77%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against PCSK6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	PCSK6
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Target Details

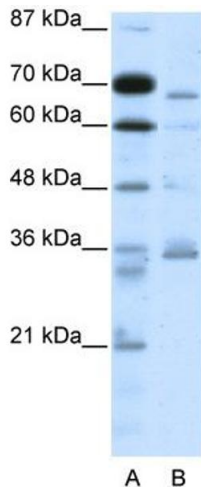
Alternative Name:	PCSK6 (PCSK6 Products)
Background:	<p>PCSK6 is a calcium-dependent serine endoprotease that can cleave precursor protein at their paired basic amino acid processing sites. This gene is thought to play a role in tumor progression.</p> <p>Alias Symbols: SPC4, PACE4</p> <p>Protein Interaction Partner: env, UBC, CACNA1A, RCN3, FLG, PMCH, PCSK6,</p> <p>Protein Size: 623</p>
Molecular Weight:	68 kDa
Gene ID:	5046
NCBI Accession:	NM_138323 , NP_612196
Pathways:	Neurotrophin Signaling Pathway , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 623 AA
Restrictions:	For Research Use only

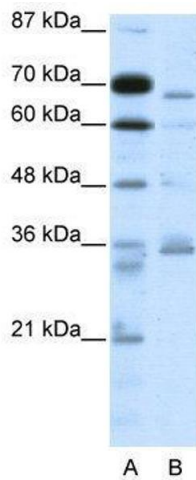
Handling

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-PCSK6 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that PCSK6 is expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-PCSK6 Antibody Titration: 2.5 µg/mL ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that PCSK6 is expressed in HepG2