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Datasheet for ABIN2779443

anti-PAWR antibody (Middle Region)

3 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PAWR
Sequence:	VNIPAAECLD EYEDDEAGQK ERKREDAITQ QNTIQNEAVN LLDPGSSYLL
Predicted Reactivity:	Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PAWR. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	PAWR
Alternative Name:	PAWR (PAWR Products)

Target Details

Background: The tumor suppressor WT1 represses and activates transcription. Anti-Prostate Apoptosis Response Protein Par-4 (PAWR) is a WT1-interacting protein that itself functions as a transcriptional repressor. It contains a putative leucine zipper domain which interacts with the zinc finger DNA binding domain of WT1. This protein is specifically upregulated during apoptosis of prostate cells.

Alias Symbols: PAR4, Par-4

Protein Interaction Partner: FBXO45, UBC, EED, FAM129B, SNX6, CAND1, VPS29, JMJD6, STAT1, SNX2, SHMT2, SHMT1, PPM1G, IDE, H3F3A, CARS, ATP6V1C1, APEH, PAN2, DRD2, DAPK3, SQSTM1, PRKCZ, Spsb4, Spsb2, SPSB1, FBXO25, HSPA5, Cep350, Kif23, THAP1, SLC5A7, AATF, TFPT, PAWR, WT1, RRAS2, ATP

Protein Size: 340

Molecular Weight: 37 kDa

Gene ID: 5074

NCBI Accession: [NM_002583](#), [NP_002574](#)

UniProt: [O75796](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 340 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

Handling

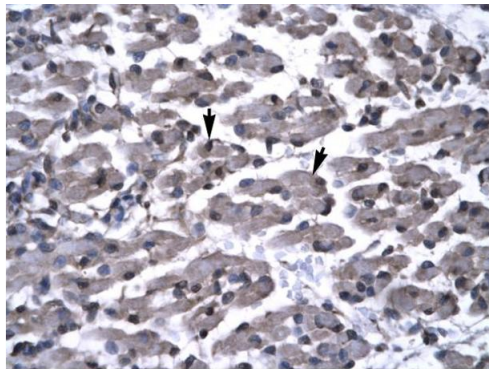
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

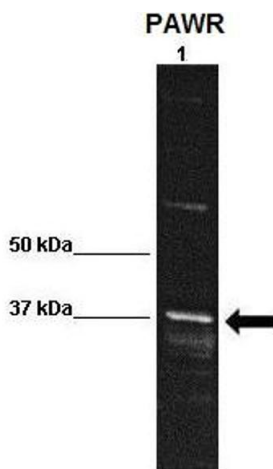
Image 1. WB Suggested Anti-PAWR Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-PAWR Antibody
Catalog Number: ARP32062
Lot Number: QC1551BG
Paraffin Embedded Tissue: Human Muscle
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Muscle



Western Blotting

Image 3. WB Suggested Anti-PAWR Antibody Positive Control: Lane 1: 30ug rat striatum homogenate Primary Antibody Dilution : 1:1000 Secondary Antibody : Anti rabbit-HRP Secondary Antibody Dilution : 1:10,000 Submitted by: Kristy Shimp, University of Florida