

Datasheet for ABIN2775552  
**anti-PPP4R2 antibody (C-Term)**[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	100 µL
Target:	PPP4R2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP4R2 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 PPP4R2
Sequence:	DSRCTRQHCT EEDEEEDEEE EEESFMTSRE MIPERKNQEK ESDDALTVNE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PPP4R2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PPP4R2
---------	--------

## Target Details

Alternative Name:	PPP4R2 ( <a href="#">PPP4R2 Products</a> )
Background:	<p>PPP4R2 is the regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). It may regulate the activity of PPP4C at centrosomal microtubule organizing centers. Its interaction with the SMN complex leads to enhance the temporal localization of snRNPs, suggesting a role of PPP4C in maturation of spliceosomal snRNPs. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AFX phosphorylated on 'Ser-140' (gamma-H2AFX) generated during DNA replication and required for DNA DSB repair.</p> <p>Alias Symbols: MGC131930, PP4R2</p> <p>Protein Interaction Partner: UBC, PAAF1, MEK1, SF3A1, CDC6, VASP, CCT3, PSMA1, INPL1, AMPD2, LRRC47, DSTN, PLIN3, NUBP2, TPM1, TRA2B, IGBP1, CLNS1A, PPP4C, SRRM2, TIPRL, MEK2, GEMIN4, DDX20,</p> <p>Protein Size: 417</p>
Molecular Weight:	47 kDa
Gene ID:	151987
NCBI Accession:	<a href="#">NM_174907</a> , <a href="#">NP_777567</a>
UniProt:	<a href="#">Q9NY27</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 417 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.

## Handling

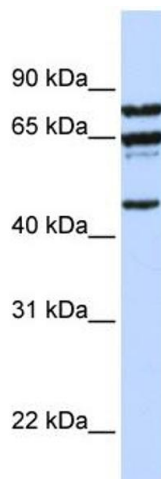
Storage: -20 °C

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.

## Publications

Product cited in: Tordjman, Leroyer, Chauvet, Quette, Chauvet, Tomkiewicz, Chapron, Barouki, Forest, Aggerbeck, Antoine: "Cytosolic aspartate aminotransferase, a new partner in adipocyte glyceroneogenesis and an atypical target of thiazolidinedione." in: **The Journal of biological chemistry**, Vol. 282, Issue 32, pp. 23591-602, (2007) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-PPP4R2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate PPP4R2 is supported by BioGPS gene expression data to be expressed in Jurkat