



## Datasheet for ABIN2786686 anti-PPP2R3A antibody (N-Term)

### 2 Images

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### Overview

Quantity:	100 µL
Target:	PPP2R3A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Guinea Pig, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PPP2R3A
Sequence:	SSSVEEKPLS HRNSLDTNLT SMFLQNFSEE DLVTQILEKH KIDNFSSGTD
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against PPP2R3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	PPP2R3A
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## Target Details

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Alternative Name:	<a href="#">PPP2R3A (PPP2R3A Products)</a>
Background:	Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit and two regulatory subunits. There are three catalytic subunits (PPP2R1A, PPP2R1B, PPP2R1C) and three regulatory subunits (PPP2R2A, PPP2R2B, PPP2R2C). The catalytic subunits contain a PP2C domain, whereas the regulatory subunits contain a PP2A domain. The regulatory subunits are required for the full enzymatic activity of the holoenzyme. The catalytic subunits are required for the specificity of the holoenzyme. The regulatory subunits are required for the specificity of the holoenzyme. The catalytic subunits are required for the specificity of the holoenzyme.
Alias Symbols:	PPP2R3, PR130, PR72
Protein Interaction Partner:	ATXN7L2, EGFR, PPP2R3A, AKAP9, CDC6, PPP5C, HMGB1, RBL1, PPP2R4, PPP2CA,
Protein Size:	1150
Molecular Weight:	130 kDa
Gene ID:	5523
NCBI Accession:	<a href="#">NM_002718</a> , <a href="#">NP_002709</a>
UniProt:	<a href="#">Q06190</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1150 AA
Restrictions:	For Research Use only

## Handling

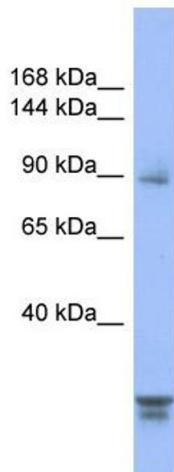
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND 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.

## Handling

aliquots to prevent freeze-thaw cycles.

## Images



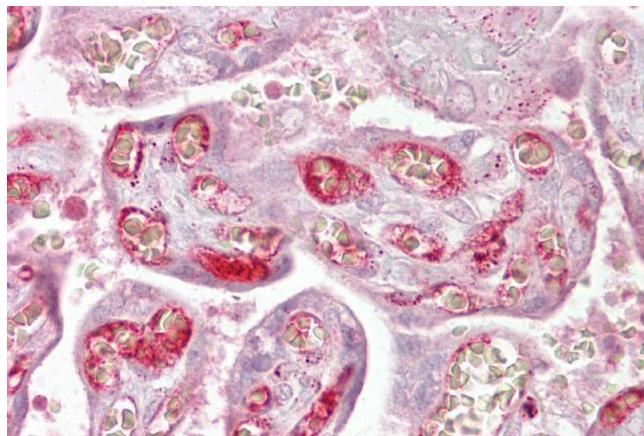
### Western Blotting

**Image 1. WB Suggested Anti-PPP2R3A Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** 293T cell lysate



### Immunohistochemistry

**Image 2. Immunohistochemistry with Placenta tissue at an antibody concentration of 5 $\mu$ g/ml using anti-PPP2R3A antibody (ARP56410\_P050)**