

Datasheet for ABIN1881678  
**anti-PPM1F antibody (AA 275-303)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	PPM1F
Binding Specificity:	AA 275-303
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1F antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PPM1F antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-303 amino acids from the Central region of human PPM1F.
Clone:	RB41919
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PPM1F
Alternative Name:	PPM1F ( <a href="#">PPM1F Products</a> )
Background:	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein

## Target Details

phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase can interact with Rho guanine nucleotide exchange factors (PIX), and thus block the effects of p21-activated kinase 1 (PAK), a protein kinase mediating biological effects downstream of Rho GTPases. Calcium/calmodulin-dependent protein kinase II gamma (CAMK2G/CAMK-II) is found to be one of the substrates of this phosphatase. The overexpression of this phosphatase or CAMK2G has been shown to mediate caspase-dependent apoptosis. An alternatively spliced transcript variant has been identified, but its full-length nature has not been determined.

Molecular Weight: 49831

NCBI Accession: [NP\\_055449](#)

UniProt: [P49593](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

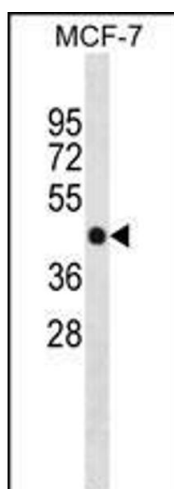
## Publications

Product cited in: Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: **Journal of chromatography. A**, Vol. 1325, pp. 171-8, (2014) ([PubMed](#)).

Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against *Streptococcus pneumoniae* infection." in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) ([PubMed](#)).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** M1F Antibody (Center) (ABIN1881678 and ABIN2838899) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the M1F antibody detected the M1F protein (arrow).