

Datasheet for ABIN7600049  
**anti-PPM1E antibody (AA 141-755)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PPM1E
Binding Specificity:	AA 141-755
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Purpose:	Anti-PPM1E Picoband® Antibody
Immunogen:	E.coli-derived human PPM1E recombinant protein (Position: E141-E755).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PPM1E Picoband® Antibody (ABIN7600049). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	PPM1E
Alternative Name:	PPM1E ( <a href="#">PPM1E Products</a> )
Background:	<p>Synonyms: Protein phosphatase 1E, Ca (2+)/calmodulin-dependent protein kinase phosphatase N, CaMKP-N, CaMKP-nucleus, CaMKN, Partner of PIX 1, Partner of PIX-alpha, Partner of PIXA, PPM1E, CAMKN, KIAA1072, POPX1</p> <p>Tissue Specificity: Expressed in fetal and adult brain. Also detected in fetal liver and skeletal muscle, but not in their adult counterparts.</p> <p>Background: protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent 1E is a protein that in humans is encoded by the PPM1E gene. It is mapped to 17q22. This gene encodes a member of the PPM family of serine/threonine-protein phosphatases. The encoded protein is localized to the nucleus and dephosphorylates and inactivates multiple substrates including serine/threonine-protein kinase PAK 1, 5'-AMP-activated protein kinase (AMPK) and the multifunctional calcium/calmodulin-dependent protein kinases. Alternatively spliced transcript variants have been observed for this gene.</p>
Molecular Weight:	84 kDa
Gene ID:	22843

## Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg NaN <sub>3</sub> .
Preservative:	Sodium azide

## Handling

---

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
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.