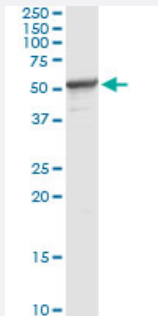


PPM1F (Human) IP-WB Antibody Pair

Catalog # H00009647-PW2

Size 1 Set

Applications



Immunoprecipitation of PPM1F transfected lysate using mouse monoclonal anti-PPM1F and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PPM1F.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (79)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PPM1F transfected lysate using mouse monoclonal anti-PPM1F and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PPM1F.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PPM1F (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-PPM1F (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PPM1F

Entrez GeneID	9647
Gene Name	PPM1F
Gene Alias	CaMKPase, FEM-2, KIAA0015, POPX2, hFEM-2
Gene Description	protein phosphatase 1F (PP2C domain containing)
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein 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. [provided by RefSeq]
Other Designations	Ca(2+)/calmodulin-dependent protein kinase phosphatase CaM-kinase phosphatase PP2C phosphatase partner of PIX 2 protein phosphatase 1F

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)