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# anti-IPMK antibody (AA 101-200) (AbBy Fluor® 555)



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Quantity:	100 μL	
Target:	IPMK	
Binding Specificity:	AA 101-200	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This IPMK antibody is conjugated to AbBy Fluor® 555	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human IPMK	
Isotype:	IgG	
Predicted Reactivity:	Predicted Reactivity: Human, Mouse, Rat, Cow, Sheep, Horse, Rabbit	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	IPMK
Alternative Name:	IPMK (IPMK Products)
Background: Synonyms: 6-tetrakisphosphate 5-kinase, Inositol 1, Inositol 1,3,4,6 tetrakisphosphate 5 kin	

Inositol polyphosphate multikinase,	Ipmk. IPMK HUMAN
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Background: Inositol polyphosphate multikinase (IPMK) belongs to the inositol phosphokinase (IPK) family and is characterized as having a broad substrate specificity. However, IPMK displays a preference for inositol-1,4,5-trisphosphate (Ins(1,4,5)P3) and inositol 1,3,4,6-tetrakisphosphate (Ins(1,3,4,6)P4). IPMK is ubiquitously expressed with the highest expression in skeletal muscle, liver, placenta, lung, peripheral blood leukocytes, kidney, spleen and colon. IPMK is localized to the nucleus, where it may play a role in the regulation of calcium release from intracellular stores and has been implicated as a drug target for cancer therapies. The gene encoding IPMK maps to human chromosome 10, which contains over 800 genes. Notably, disorders linked to genes on chromosome 10 include Cowden syndrome, Cockayne syndrome and Tetrahydrobiopterin deficiency.

Gene ID: 253430

Pathways: Tube Formation

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	