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# anti-MPP7 antibody (AA 301-400) (AbBy Fluor® 680)



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Quantity:	100 μL	
Target:	MPP7	
Binding Specificity:	AA 301-400	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MPP7 antibody is conjugated to AbBy Fluor® 680	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	ogen: KLH conjugated synthetic peptide derived from human MPP7	
Isotype:	IgG	
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	MPP7
Alternative Name:	MPP7 (MPP7 Products)
Synonyms: FLJ32798, MAGUK p55 subfamily member 7, Membrane protein palmitoylated	

MAGUK p55 subfamily member 7, Palmitoylated membrane protein 7.		
Background: The MAGUK (membrane-associated guanylate kinase homologs) family of		
proteins contain multiple protein-binding domains and are involved in cell junction organization,	,	
tumor suppression, and signaling. The MAGUK family is divided into four subfamilies: DLG-like,		
ZO1-like, p55-like and LIN2-like. MPP7 (MAGUK p55 subfamily member 7), also known as		
palmitoylated membrane protein 7, is a 576 amino acid protein that belongs to the MAGUK		
family and assists in the assembly of protein complexes. A peripheral membrane protein that		
eviete as a heterodimer MDD7 enhances tight junction formation and enithelial call polarity		

exists as a heterodimer, MPP7 enhances tight junction formation and epithelial cell polarity.

 $\label{eq:mpp7} \textit{MPP7 contains one SH3 domain, a guanylate kinase-like domain, two L27 domains and a single}$ 

PDZ (DHR) domain. The gene encoding MPP7 maps to human chromosome 10p11.23  $\,$ 

Pathways:

Cell-Cell Junction Organization

## **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	