antibodies

## Datasheet for ABIN2809215 anti-BPNT1 antibody (AA 2-100) (Alexa Fluor 555)



Overview

Quantity:	100 μL
Target:	BPNT1
Binding Specificity:	AA 2-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPNT1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BPNT1
lsotype:	lgG
Specificity:	This antibody may have minor secondary reactivity to Zinc finger protein 334 (shown to only exist in Human) and pleiotropic regulator 1 due to a 60 % sequential sequence similarity in the immunogen range.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

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## Target Details

PAP-inositol 1,4-phosphatase, BPNT1 Background: Converts adenosine 3'-phosphosulfate (PAPS) to adenosine 5'- phosphosulfate (APS) and 3'(2)-phosphoadenosine 5'- phosphote (PAP) to AMP. Has 100 lower activity towards inositol 1,4-bisphosphate (Ins(1,4)P2) and inositol 1,3,4-trisphosphate (Ins(1,3,4)P3), but does not hydrolyze Ins(1)P, Ins(3,4)P2, Ins(1,3,4,5)P4 or InsP6.Gene ID:10380UniProt:095861Pathways:Inositol Metabolic ProcessApplication DetailsFCM 1:20-100 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200 IF(ICC) 1:50-200Restrictions:For Research Use onlyHandlingFor mat:Concentration:1 µg/µLBuffer:Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin30 50 % Glycerol.Preservative:ProClin	arget:	BPNT1
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phosphosulfate (APS) and 3(2)-phosphoadenosine 5- phosphate (PAP) to AMP. Has 100 lower activity towards inositol 1,4-bisphosphate (Ins(1,4)P2) and inositol 1,3,4-trisphosphate (Ins(1,3,4)P3), but does not hydrolyze Ins(1)P, Ins(3,4)P2, Ins(1,3,4,5)P4 or InsP6.Gene ID:10380UniProt:095861Pathways:Inositol Metabolic ProcessApplication DetailsFOM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-P) 1:50-200 IF(IHC-P) 1:50-200Restrictions:For Research Use onlyHandlingFor Research Use onlyHandling1 µg/µLBuffer:Iqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclina 0.50 % Glycerol.Preservative:ProClinPrecaution of Use:This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which shole		PAP-inositol 1,4-phosphatase, BPNT1
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Gene ID: 10380   UniProt: 095861   Pathways: Inositol Metabolic Process   Application Details FCM 1/20-100   IF(IHC-P) 1/50-200 IF(IHC-P) 1/50-200   IF(ICC) 1/50-200 IF(ICC) 1/50-200   Buffer: Liquid   Concentration: 1 µg/µL   Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin30   S0 % Glycerol. S0 % Glycerol.   Preservative: ProClin   Precaution of Use: This		lower activity towards inositol 1,4-bisphosphate (Ins(1,4)P2) and inositol 1,3,4-trisphosphate
UniProt: 095861   Pathways: Inositol Metabolic Process   Application Details FCM 1:20-100   Application Notes: FCM 1:20-100   IF(IHC-P) 1:50-200 IF(IHC-P) 1:50-200   IF(IHC-F) 1:50-200 IF(IHC-F) 1:50-200   IF(ICC) 1:50-200 IF(IHC-F) 1:50-200   Applications: For Research Use only   Handling Iuquid   Concentration: 1 µg/µL   Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclina Co % Glycerol.   Preservative: ProClin   Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which show		(Ins(1,3,4)P3), but does not hydrolyze Ins(1)P, Ins(3,4)P2, Ins(1,3,4,5)P4 or InsP6.
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50 % Glycerol.   Preservative: ProClin   Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which show	Concentration:	1 µg/µL
Preservative: ProClin   Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which show	Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which show		50 % Glycerol.
	reservative:	ProClin
handled by trained staff only.	Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
		handled by trained staff only.
Storage: -20 °C	itorage:	-20 °C
Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date: 12 months	xpiry Date:	12 months

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