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## anti-ITPR3 antibody (AA 21-120) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	ITPR3	
Binding Specificity:	AA 21-120	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ITPR3 antibody is conjugated to AbBy Fluor® 350	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))	

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITPR3	
Isotype:	IgG	
Cross-Reactivity:	Mouse	
Predicted Reactivity:	Human,Rat,Dog,Cow,Horse,Chicken,Rabbit	
Purification:	Purified by Protein A.	

#### Target Details

Target:	ITPR3
Alternative Name:	Itpr3 (ITPR3 Products)

#### Target Details

Background:	Synonyms: IP3R-III, IP3 receptor isoform 3, 4 antibody 5-trisphosphate receptor, 5-
	trisphosphate receptor type 3, FLJ36205, Inositol 1, Inositol 1,4,5 trisphosphate receptor type 3
	IP3 receptor, IP3R 3, IP3R, IP3R3, ITPR 3, ITPR3, ITPR3_HUMAN, Type 3 inositol 1, Type 3
	inositol 1,4,5 trisphosphate receptor, Type 3 InsP3 receptor.
	Background: Inositol 1,4,5-triphosphate (IP3) functions as a second messenger for a myriad of
	extracellular stimuli including hormones, growth factors and neurotransmitters. Receptor
	tyrosine kinases indirectly increase the intracellular levels of IP3 through the activation of
	phospholipases such as phospholipase C (PLC), which convert phosphatidylinositol-4,5
	bisphosphate into IP3 and diacylglycerol (DAG). The inositol 1,4,5-triphosphate receptor, IP3R,
	acts as an inositol triphosphate (IP3)-gated calcium release channel in a variety of cell types.
	Three IP3 receptor subtypes have been described and are designated IP3R-I, IP3R-II and IP3R-
	III. IP3R-I is the predominant IP3R subtype expressed in neuronal tissues and the central
	nervous system, but is also expressed at high levels in the liver.
Gene ID:	3710
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling
	Pathway, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, G-protein
	Pathway, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling
Application Details	
Application Details  Application Notes:	
	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling
	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200
	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200
Application Notes:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200
Application Notes:  Restrictions:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200
Application Notes:  Restrictions:  Handling	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200  For Research Use only
Application Notes:  Restrictions:  Handling  Format:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200  For Research Use only
Application Notes:  Restrictions:  Handling  Format:  Concentration:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200  For Research Use only  Liquid  1 μg/μL
Application Notes:  Restrictions:  Handling  Format:  Concentration:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  IF(ICC) 1:50-200  For Research Use only  Liquid  1 μg/μL  Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
Application Notes:  Restrictions:  Handling  Format:  Concentration:  Buffer:	mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling  IF(IHC-P) 1:50-200  IF(IHC-F) 1:50-200  For Research Use only  Liquid  1 μg/μL  Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

### Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months