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# anti-ARHGEF11 antibody (AA 451-550) (AbBy Fluor® 488)



Go to Product page

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	N/P	r\/I	i⊢₩

Quantity:	100 μL	
Target:	ARHGEF11	
Binding Specificity:	AA 451-550	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ARHGEF11 antibody is conjugated to AbBy Fluor® 488	
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 PDZ RHOGEF/GTRAP48
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## **Target Details**

Target:	ARHGEF11
Alternative Name:	PDZ RHOGEF/GTRAP48 (ARHGEF11 Products)

## **Target Details**

Background:	Synonyms: PDZ-RhoGEF, ARHGB_HUMAN, ARHGEF 11, ARHGEF11, DKFZp667F1223,	
	Glutamate transporter EAAT4 associated protein 48, GTRAP 48, GTRAP48, PDZ RhoGEF, Rho	
	guanine exchange factor GEF 11, Rho guanine nucleotide exchange factor GEF 11, Rho guanine	
	nucleotide exchange factor 11, RhoA specic guanine nucleotide exchange factor, RhoGEF	
	glutamate transport modulator.	
	Background: Rho GTPases play a fundamental role in numerous cellular processes that are	
	initiated by extracellular stimuli that work through G protein coupled receptors. The encoded	
	protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar	
	protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate	
	transport activity. Expression of the rat protein induces the reorganization of the actin	
	cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia.	
	Two alternative transcripts encoding different isoforms have been described. [provided by	
	RefSeq, Jul 2008].	
Pathways:	Neurotrophin Signaling Pathway, Regulation of G-Protein Coupled Receptor Protein Signaling	
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	