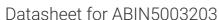
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anti-GARNL1 antibody (AA 631-730) (Alexa Fluor 680)



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	N/P	r\/	i⊢₩

Quantity:	100 μL
Target:	GARNL1 (RALGAPA1)
Binding Specificity:	AA 631-730
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARNL1 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GARNL1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GARNL1 (RALGAPA1)
Alternative Name:	GARNL1 (RALGAPA1 Products)

Target Details

Background:	Synonyms: DKFZp566D133, DKFZp667F074, GAP related interacting partner to E12, GARN L1,	
	GARNL 1, GRIPE, GTPase activating Rap/RanGAP domain like 1, KIAA0884, Tuberin like protein	
	1, TULIP 1. TULIP1, RGPA1_HUMAN.	
	Background: GARNL1 is expressed during embryogenesis with E12. During development,	
	GARNL1 expression decreases, persisting at high levels only in neurons of the adult brain.	
	GARNL1 localizes to the cytoplasm where it may play a role regulating GTP hydrolysis of	
	proteins such as Ran and Rap. GARNL1 is imported to the nucleus via dimerization with E12.	
	GARNL1 interacts with the HLH region of E12 and may function to negatively regulate the	
	transcription of E12-dependent downstream target genes. This suggests that at least a portion	
	of the function of GARNL1 is dependent upon its association with E12. GARNL1 may also	
	associate with other HLH proteins and influence a variety of HLH signaling cascades. In adult	
	brain, GARNL1 activity does not involve E12 and therefore it may serve a different function in	
	developed neural tissue.	
Gene ID:	253959	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
Application (Votes).	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	